



NATIONAL GEOGRAPHIC

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NATIONAL GEOGRAPHIC



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Issue 94 June 2012 R26,95 (VAT incl.)



## TAKE A WILD THING HOME.

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A wild adventure awaits, but hurry, the promotion ends 16 September 2012.

\*Terms and Conditions apply.



**ENGEN**

With us you are Number One

# HI, KIDS

## WRITE TO US!

Send us your letters, birthdays, pictures and comments. We want to hear from you, so start writing!

- Write to us at: The Editor, NG KIDS, PO Box 2271, Cape Town 8000.
- Send us an e-mail to [fiona@ngkids.co.za](mailto:fiona@ngkids.co.za) or SMS\* us a letter to "NGK Letters" 33970.

\* See page 49 for terms and conditions



THE NG KIDS TEAM CELEBRATE THE MAGAZINE'S EIGHTH BIRTHDAY.

You might have noticed that we love competitions here at NG KIDS. I enter lots of competitions but I've never won anything more exciting than some CDs and scatter cushions. I don't mind – it's just fun to be picked.

In this issue we're excited to bring you the Young Chefs competition. I can't wait to be part of that judging panel (yummy!). But however much fun it is, it's not as easy as randomly picking a winning SMS entry and I realise it can be really disappointing if you are not a winner when you've put so much work into something.

Don't give up. Judging our "Young" competitions is something we take very seriously and do with integrity. Integrity is one of the four core values of Media24, the company that publish NG KIDS and many more magazines. The others are respect, courage and accountability. It's a bit like having a school motto or slogan. Why don't you write and let me know what your school motto is? We'll publish a few in the magazine.

If you like competitions as much as I do, turn to our bumper birthday prize calendar on [page 8](#). We turn eight this month and are celebrating by giving away loads of prizes to YOU. All you need to do, is check the date and send off an SMS for that day's prize. Good luck!

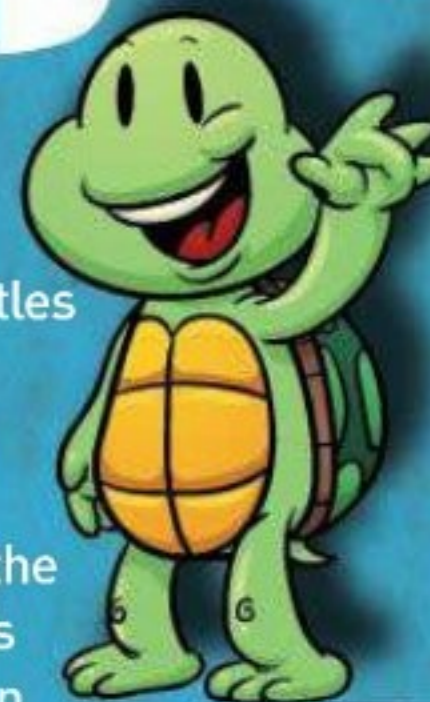
The birthday cake drawings for Art Zone made me hungry looking at them. They also gave me inspiration for making our birthday cake. So a big thanks for sending them in!

Dare to Explore!

*Fiona*

## FIND ME!

Alligator snapping turtles are in trouble! To create awareness, we hid ten turtles on the pages of the magazine. Here's one, but can you spot all ten?



## LETTER OF THE MONTH

DEAR FIONA

MY NAME IS MUAAZ AMOD. I ATTEND THE AUCKLAND PARK ACADEMY OF EXCELLENCE - APAX FOR SHORT. WE ARE A NEWLY ESTABLISHED SCHOOL. OUR SCHOOL IS SURROUNDED BY BEAUTIFUL SHADY TREES, SO THE HEAT OF SUMMER CANNOT TROUBLE US. WE HAVE LOTS OF PLANTS AND ENJOY THE SWEET SMELL OF FLOWERS. MRS DOLLIE, OUR NATURAL SCIENCE EDUCATOR, CALLS OUR SCHOOL THE "APAX PALMS" AS WE HAVE LOTS OF PALM TREES THAT MAKE OUR SCHOOL LOOK SO BEAUTIFUL. APAX IS THE BEST SCHOOL!

I WAS IN MALAYSIA DURING THE APRIL HOLIDAYS AND VISITED THE NATIONAL GEOGRAPHIC SHOP IN KUALA LUMPUR. THE SHOP WAS AWESOME. I AM A PROUD NG KIDS READER!!! HERE'S A PHOTO OF ME TAKEN AT THE SHOP.

LOVE  
MUAAZ AMOD, 8, AUCKLAND PARK

MUAAZ IN KUALA LUMPUR



## SUBSCRIBERS OF THE MONTH

June's subscribers\* of the month are sisters Anél (11) and Emmaren (5) Kleingeld from Trompsburg. They have won a Sammies Elephant Duffle bag and backpack, valued at R950.

Sammies Dreams are a collection of adorably cuddly bags and suitcases in a variety of fun animal characters. The bags are made of durable polyester and have large zipper pullers, making it easy for small fingers to open and close them. Available from selected luggage retailers countrywide. Please phone Samsonite at 031-266-0620 for a stockist near you.

\*See [page 49](#) for terms and conditions.



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An orphaned serval gets a second chance thanks to a wildlife photographer.

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Send us your yummy recipes and stand a chance to win awesome prizes!

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Meet the shy sharks of the deep.

page 30

### Movie: Madagascar 3

Alex, Marty, Gloria and Melman try to get home, but end up in Europe! NG KIDS goes behind the scenes.

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## DEPARTMENTS

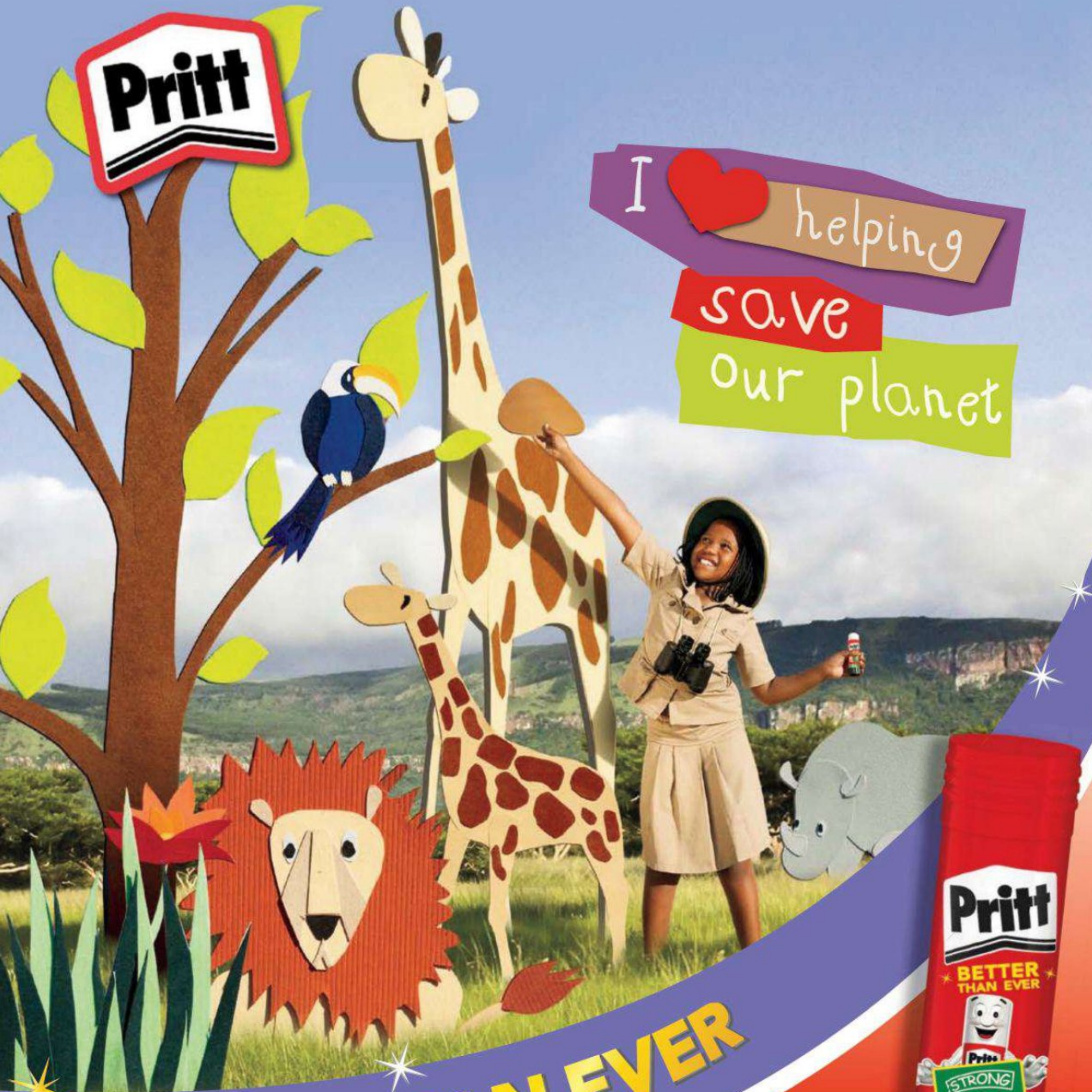
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### On the Cover

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save  
our planet



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# SCOOP

## Strawberry Blond Sensation



DEON DE VILLIERS



RARE LEOPARD SPOTTED

There's a rare leopard with a ginger coat in the Madikwe Game Reserve in Limpopo. Tourists had reported seeing it, but the animal had never been caught on camera until game ranger and photographer Deon de Villiers managed to snap it.

At first Deon had no idea how important his picture was. Then he showed it to a leopard expert, Dr Luke Hunter, who said he had never seen that colour variation in a leopard before.

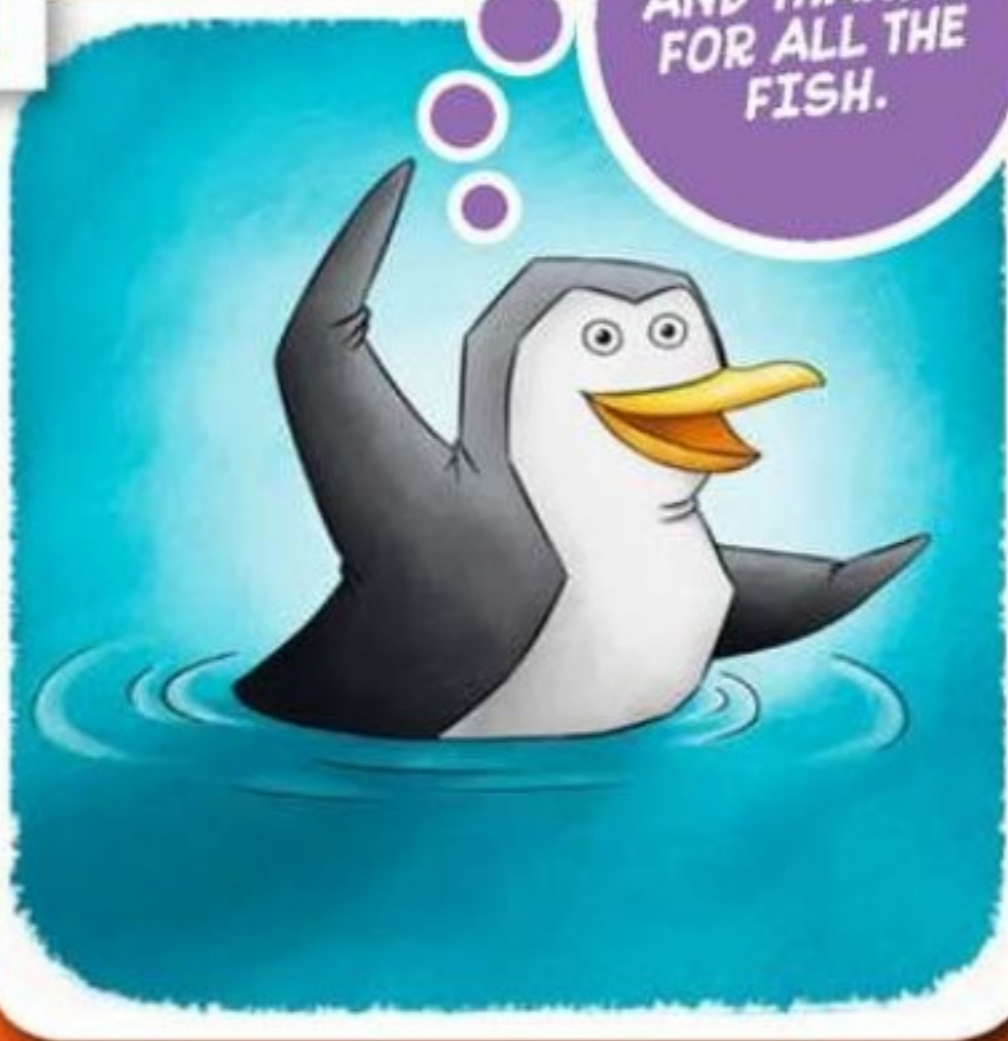
"He thought the world should see this unusual animal and published the picture on the National Geographic site," Deon says. "It's an amazing feeling to have your image published around the world and shown on leading nature programmes. I didn't think there would be such worldwide interest, most importantly in conservation circles."

So how did this leopard get its spots? Scientists say a genetic mutation called erythrism causes a strange, reddish pigmentation of an animal's fur. It's very unusual in carnivores.

But this leopard is not being held back by his unusual looks. "He's obviously a successful animal," says Luke.

## Happy Feet

The keeper of a zoo in Japan did a double take: was that a penguin waving at him from the bay? It turns out this one-year-old Humboldt penguin, known only as Penguin 337, had escaped from Tokyo Sea World. Penguins aren't known for their flying skills, so the only way out was over the wall. In his amazing escape the penguin scaled a wall twice his height and squeezed through a fence. Kazuhiro Sakamoto, the park's deputy director, said the young bird might have escaped due to its curiosity and yearning for adventure. There is plenty of fish in the bay so he's unlikely to starve. We bet his favourite film is *Madagascar*!



### DID YOU KNOW?

Britain's Princess Anne visited South Africa in April 2012 as part of the Queen's Jubilee celebrations. In Cape Town she met Deputy President Kgalema Motlanthe after being welcomed in Simon's Town by the South African Navy Band.

# 4

## Ways to celebrate the Queen's Jubilee.

In June Queen Elizabeth II will have ruled the United Kingdom for 60 years. The only other British monarch to celebrate a Diamond Jubilee is Queen Victoria. To mark the occasion British people are having an extra long weekend with two special public holidays on Monday 4 and Tuesday 5 June.

### 1. The Big Lunch

On Sunday 3 June, everybody is invited to a street party. Roads will be closed and tables decorated with red, white and blue piled with lots of yummy food for neighbours to enjoy.

### 2. Thames River Pageant

Thousands of boats will gather on the River Thames on Sunday 3 June, decorated with streamers and flags. It will be one of the largest flotillas ever on the river.

### 3. Concert at the Palace

Buckingham Palace will be lit up and alive with music on Monday 4 June. The Queen and members of her family will attend a concert featuring acts like Stevie Wonder and JLS (winners of the British XFactor). More than 1.2 million people applied to attend with only 10 000 tickets up for grabs.

### 4. Carriage Procession

Thousands of people will line the streets of London on 5 June hoping to get a glimpse of the royal family as they pass by in their golden carriages.



1

STREET PARTY



THE QUEEN'S ROYAL BARGE



BUCKINGHAM PALACE

3



4

Youth Day

16



17

Father's Day



End of Term 2

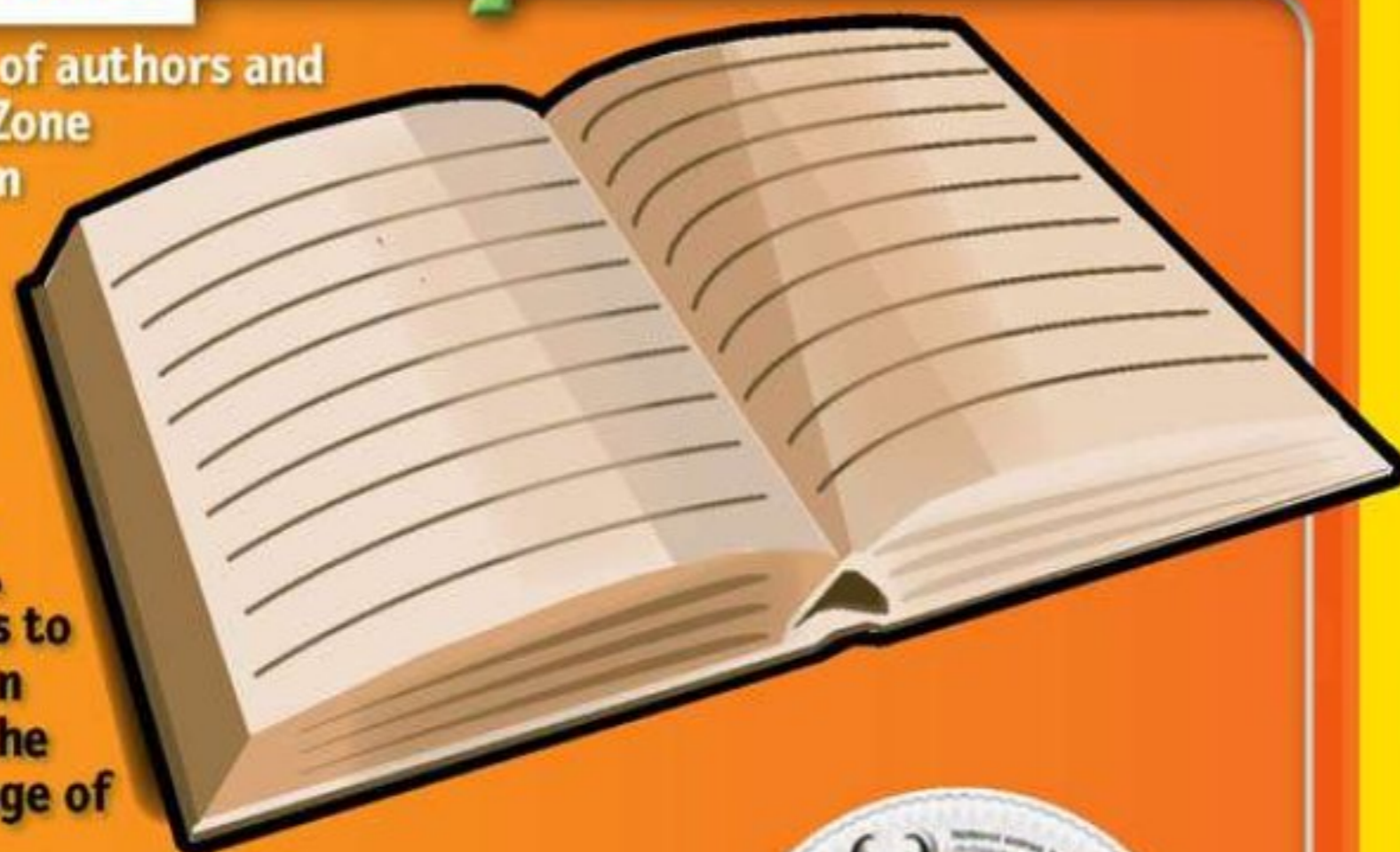
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## Calling BookLovers

There is a great lineup of authors and publishers in the Kids' Zone at this year's Cape Town Book Fair. It's all happening at the Convention Centre from 15 to 17 June.

**GIVEAWAY: SMS\* "NGK BOOK" with your name, age and contact details to 33970 and you could win two double tickets to the event. Kids under the age of 12 get in free.**



## It's Symbolic!

Released to celebrate South African national symbols, these stamps will be travelling on post all around the country. They were designed by art student Lize-Marié Dreyer. She used the symbols themselves: "The illustration of the protea, for example, is made up of tiny proteas," says Lize-Marié. The national symbols include the flag, coat of arms, national orders as well as these special animals and plants:

The springbok is the national animal and the South African rugby team is named after it.

The national bird is the blue crane. See the February issue for more information about this bird.

The national flower is the king protea. The national cricket team is called the proteas after this symbol.

The national fish is the galjoen, as it's only found in South African waters.

The national tree is the yellowwood. It can grow up to 40 metres in height.

### WHY DON'T YOU :

Send us a birthday card during the month of June using one of these stamps.

Address: The Editor at NG KIDS, ABSA Building, 4 Adderley Street, Cape Town 8001.



## THREE CITIES EXCEPTIONAL HOTELS

Three Cities Exceptional Hotels is a leading hospitality management company offering an extensive collection of hotels throughout Southern Africa. This youthful, energetic hospitality company adds a different dimension to travel with five diverse brands within the group. They are City Hotels, Resorts, Exceptional Safaris, Exceptional Collection and Exceptional Apartments.

Visit [www.threecities.co.za](http://www.threecities.co.za) for more information. Call us to book your family getaway on 0861-000-333.



## BIG HEADZ PLUSH TOYS

Collect Big Headz plush toys for free simply by shopping at Engen QuickShop. When you spend R30 on products in the QuickShop or R60 on Woolworths purchases you will receive one collector sticker.

When you have collected 50 stickers you qualify for a free Big Head plush toy from the range available in-store.



## NINTENDO 3DS 3-D PHOTO CONTEST\*

Take 3-D photos with your Nintendo 3DS and enter them in our photo contest! Pick any of the six categories:

1. Animals
2. Augmented reality
3. Objects
4. People
5. Places
6. Plants

Register on our website

[www.3d-photo-contest.nintendonetwork.net](http://www.3d-photo-contest.nintendonetwork.net)



Nintendo 3DS  
3D PHOTO CONTEST

\* SEE TERMS AND CONDITIONS ON PAGE 49. NINTENDO 3-D CONTEST CLOSES ON 17 JUNE 2012.

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THE QUEEN'S CORONATION 50 YEARS AGO.



# NG KIDS TURNS EIGHT

SUNDAY

MONDAY

TUESDAY

## WIN A PRIZE A DAY TO CELEBRATE OUR BIRTHDAY

Every day during our birthday month we have awesome prizes to give away. All you have to do, is send in the code and your details by SMS\*. Each of the prizes is up for grabs for a 24-hour period only, so be quick! Ask your parents to check our Facebook page every day for winners' details. Be part of the fun!

SMS\* "NGK BANTEX1"

03

Win five fabulous colouring hampers from Faber-Castell and accessories from Bantex.



www.bantex.co.za



SMS\* "NGK SUBS"

www.ngkids.co.za

Packed with animal stories, entertainment, science, technology and cultures from around the world. Win one of three subscriptions to NG KIDS.

SMS\* "NGK ZOKU"

05

Make ice lollies in just 7 minutes! Win a Zoku QuickPop Maker, a cool character kit and a tool set!



www.zokuhome.com

SMS\* "NGK SHAKE"

10

Ten readers can win a CD of Shake It Up and a DVD of The Very Best of Disney Channel Volume 2 courtesy of Walt Disney Records.



www.disney.co.za



SMS\* "NGK IPOD"

Create a different look for your iPod Touch that also protects it against bumps and bruises. Win one of five Griffin iPod Touch covers.

www.myistore.co.za

SMS\* "NGK THINK1"

12

Think Toys has a great selection of educational toys, games and science toys. Win a hamper filled with Think Toys goodies.



www.thinktoys.co.za



SMS\* "NGK CRICKET & YOUR CITY"

17

Win a four-day cricket coaching experience plus hamper in Cape Town or Johannesburg from The Ryan Maron Cricket School of Excellence.

www.cricketschool.co.za

The Build & Store Block & Act Table™ has tons of storage for creative projects and building blocks. Win one!



SMS\* "NGK CRAZY"

www.crazyconcepts.co.za



SMS\* "NGK MUSIC"

Win one of five CDs by Selena Gomez and one of five of Taylor Swift's live DVDs, courtesy of Universal Music.

www.taylorswift.com

Pack a world of knowledge in your pocket with the Pocket Eyewitness series. Win one of four sets of books from Penguin.

SMS\* "NGK POCKET"

www.penguinbooks.co.za



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SMS\* "NGK ROLLER"

Turn your favourite pair of shoes into roller skates by strapping the heel skates to your shoes. Win one of five pairs of heel skates.



www.rollerkidz.co.za

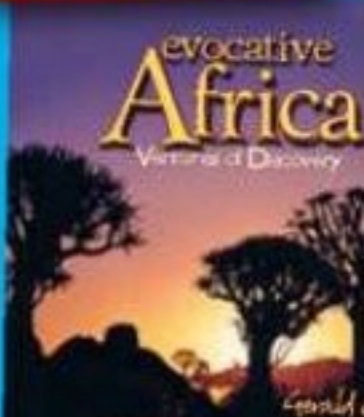
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Evocative Africa: Ventures of Discovery by Gerald Cubitt has over 900 awesome photographs of landscapes, people and wild animals. Win one of two books.

SMS\* "NGK AFRICA"

www.evocativeafrica.co.za

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THURSDAY

FRIDAY

SATURDAY

# HOW TO ENTER

To win our birthday giveaways, find the key phrase in each panel and SMS 33970 but only on the specified date. Remember to include your name, age and address.

Win a Nintendo 3DS and take part in their awesome 3-D photo contest for a chance to win even more prizes!



SMS\* "NGK NINTENDO"

<http://3d-photo-contest.mintendonetwork.net>

SMS\* "NGK ICE1"

Disney on Ice presents *Worlds of Fantasy*. Win five tickets to the show at The Coca-Cola Dome on Sunday 1 July at 3pm.



[www.computicket.com](http://www.computicket.com)

[kalahari.com](http://www.kalahari.com)

[kalahari.com](http://www.kalahari.com) is South Africa's top online shop for your favourite toys, games, books and more. Win one of three online shopping vouchers worth R500 each.

SMS\* "NGK KALAHARI"

[www.kalahari.com](http://www.kalahari.com)

Gifts, gadgets, gizmos, kits and all things yuppie – find it all online at Yuppie Gadgets. Win a set of LogiMen characters and an Alarm-Tech Kit.



SMS\* "NGK LOGIMEN"

[www.yuppiegadgets.co.za](http://www.yuppiegadgets.co.za)

Win five hampers of funky colouring accessories from Faber-Castell.



SMS\* "NGK BANTEX2"

[www.faber-castell.co.za](http://www.faber-castell.co.za)

Rev up for non-stop fun with four of your favourite Disney stories. Win five tickets to the show in Cape Town at the CITCC on Sunday 8 July at 3pm.



SMS\* "NGK ICE2"

[www.computicket.com](http://www.computicket.com)

SMS\* "NGK GAME"

Win a *GameChanger*, a multiplayer game board for iPad. With exciting animation and sound you'll have a different experience every time you play!



[www.gammatek.co.za](http://www.gammatek.co.za)

SMS\* "NGK BOSTIK"

Go art and craft crazy with Bostik's range of innovative goodies! Win one of five hampers.



[www.bostik.co.za](http://www.bostik.co.za)

The Hi-Tec Treviso shoe is for active kids. The MDT rugged outsole is for all terrains, so you can go to the beach or climb a mountain! Win one of four pairs.



SMS\* "NGK SHOE"

[www.hi-tec.com/za](http://www.hi-tec.com/za)

SMS\* "NGK BOOKS"

Win a set of books from LAPA Publishers. This Afrikaans series of books about sharks and aeroplanes is filled with fascinating facts and activities.



[www.lapa.co.za](http://www.lapa.co.za)

SMS\* "NGK THINK2"

With Think Toys you can play and learn at the same time! Win a hamper filled with Think Toys goodies.



[www.thinktoys.co.za](http://www.thinktoys.co.za)

Discover the world of animals, space, dinosaurs and the body in a series of interactive books. Win a set of four books courtesy of LAPA Publishers. Only in Afrikaans.



SMS\* "NGK BOOKS2"

[www.lapa.co.za](http://www.lapa.co.za)

Win a cute and cheeky Sammies Dreams Chick Upright (50 centimetres) and matching duffle bag from Samsonite.



SMS\* "NGK SAM"

[www.samsonite.com](http://www.samsonite.com)

Fun-loving kids with style will find these sunglasses match their cool look. Win one pair of Ray-Ban JUNIOR Aviators!



<http://www.ray-ban.com/southafrica/products/sun/junior>

Visit our three shops in Gauteng or our website to buy awesome toys for all ages. Win a hamper filled with Think Toys goodies.



SMS\* "NGK THINK3"

SMS\* "NGK BANTEX3"

With Bantex you're sorted. Our quality products tick all the right boxes. Win five fantastic hampers.



[www.bantex.co.za](http://www.bantex.co.za)

Win a Disney 3-D Blu-Ray hamper including *Up*, *Beauty and the Beast* and *The Nightmare Before Christmas*!



SMS\* "NGK DISNEY"

[www.disney.co.za](http://www.disney.co.za)

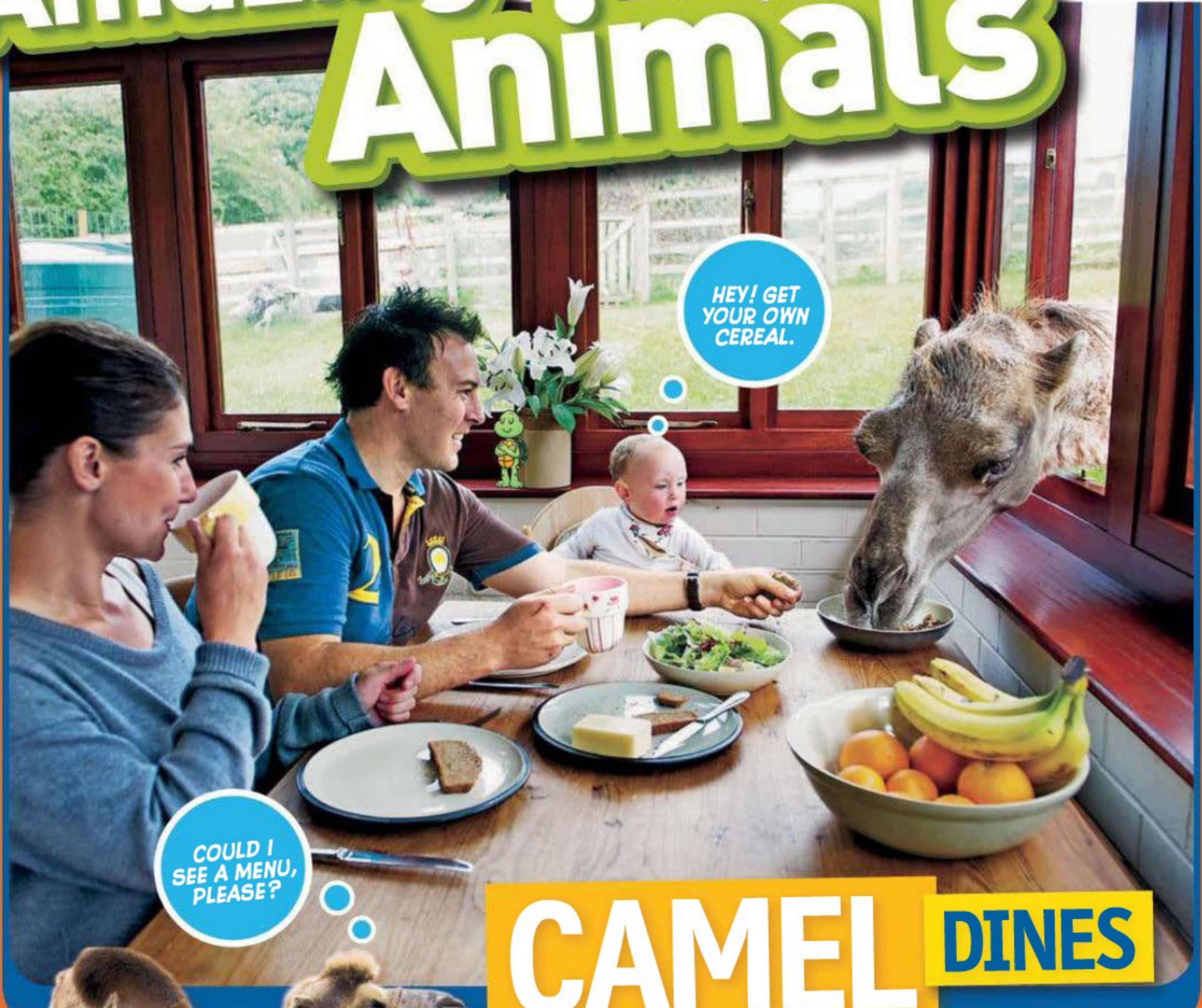
Protect your skin from the African sun! Four boys and four girls will each win a sun top from Second Skins UV Gear.



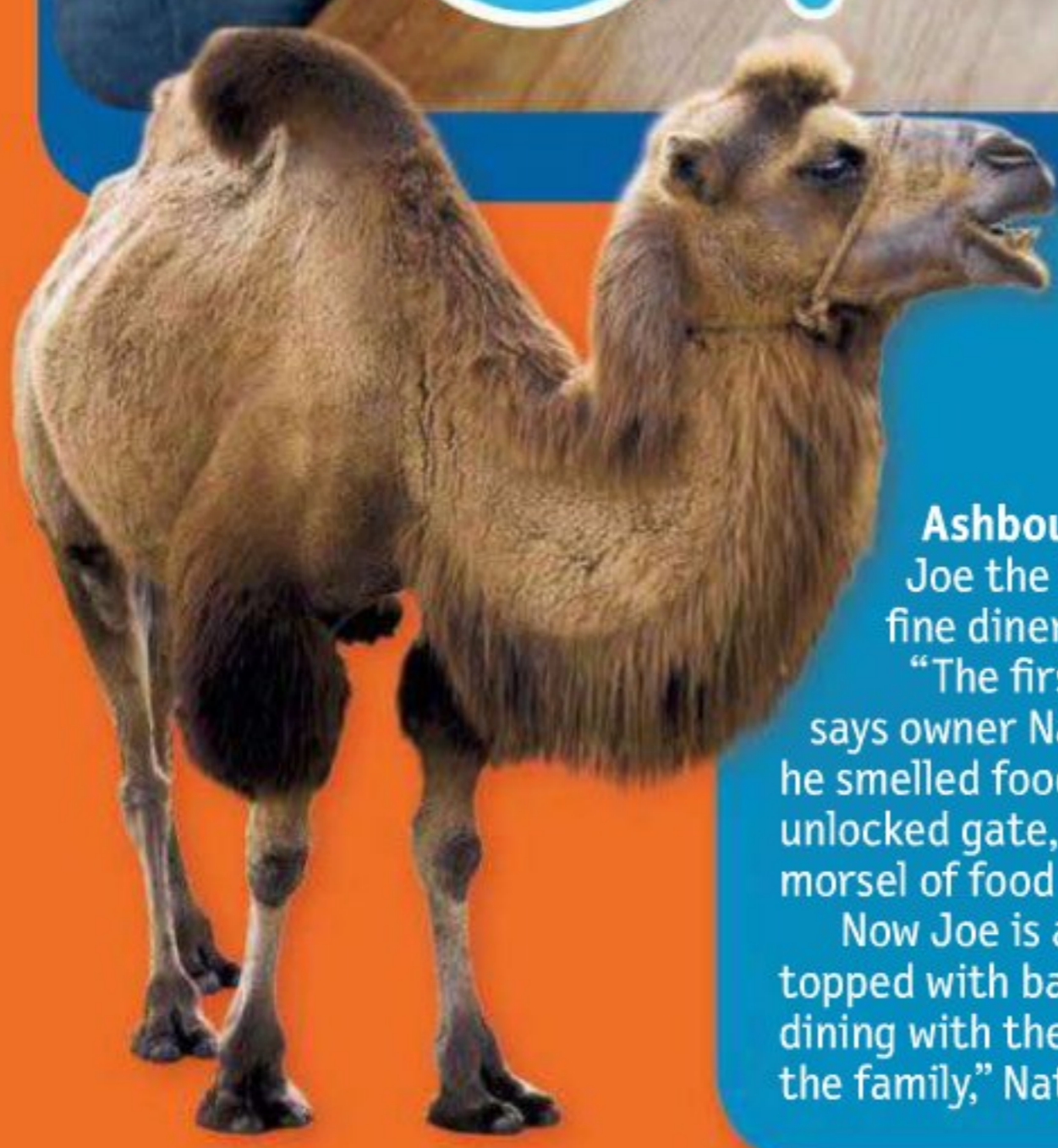
SMS\* "NGK SKINS"

[www.secondskins.co.za](http://www.secondskins.co.za)

# Amazing Animals



## CAMEL DINES WITH OWNERS



### Ashbourne, England

Joe the Bactrian camel is much too fancy to have breakfast in his stable. The fine diner eats morning meals with his caretakers at the kitchen table.

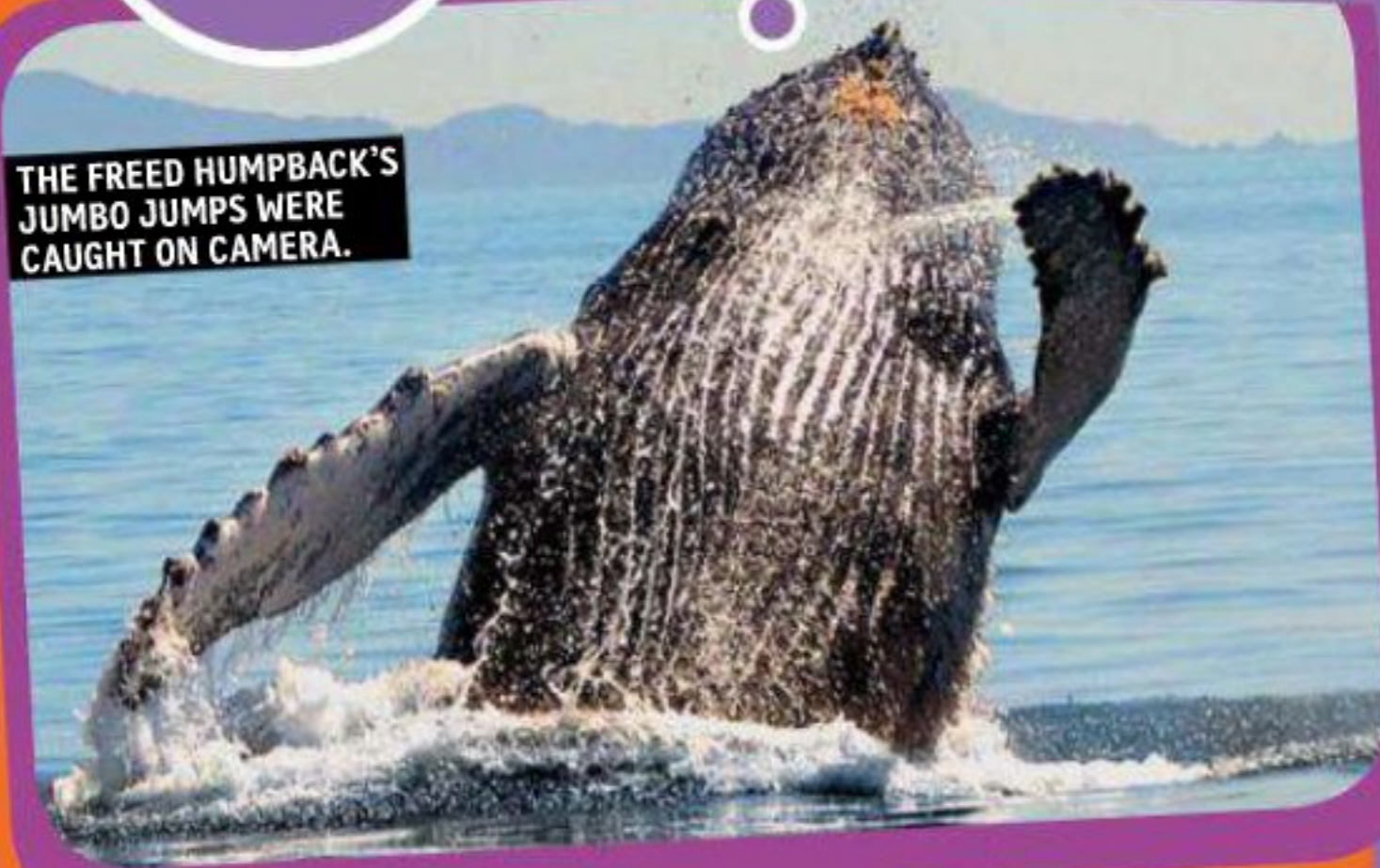
"The first time Joe showed up for a bite, we definitely weren't expecting him," says owner Nathan Anderson-Dixon. The animal had been grazing in his pasture when he smelled food cooking. Following his nose, he trotted up to the house through an unlocked gate, poked his head through an open kitchen window and gently plucked a morsel of food from the table with his lips.

Now Joe is a regular visitor at breakfast. His favourite treats are cereal and toast topped with bananas. At first his owners weren't sure they wanted the humped guest dining with them. But they've grown fond of his daily appearances. "Joe's a member of the family," Nathan says. If only he'd learn to use a napkin.

THIS IS MUCH MORE SPLASHY THAN A THANK-YOU CARD.

## WHALE “THANKS” RESCUERS

THE FREED HUMPBACK'S JUMBO JUMPS WERE CAUGHT ON CAMERA.



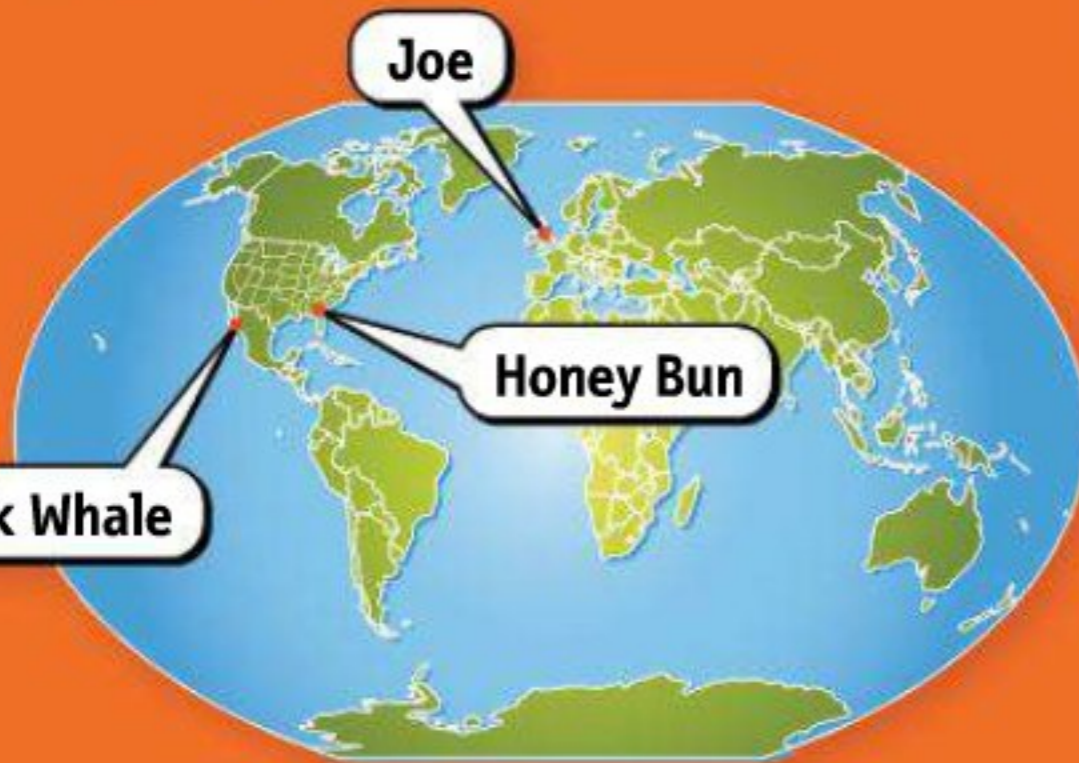
### Gulf of California, Mexico

The scared humpback whale wheezed loudly as she bobbed in the water. Tangled in a discarded net, she couldn't move, eat, or breathe regularly. Without help she wouldn't survive.

People in boats noticed the distressed whale and pulled up beside her. They began cutting away the net with a knife. After an hour the mammal was able to escape. She glided away and the boaters thought they'd never see her again. But suddenly she burst from the water, doing a set of giant jumps.

"I've rarely seen leaps like those," says whale conservationist Michael Fishbach, who was on the boat. "She seemed to be showing pure joy – and possibly even expressing her thanks."

Scott Landry of the Marine Animal Entanglement Response isn't so sure. "She could have been acting oddly because she was in shock," he says. "What's important is that no one was hurt and the whale is free, just as she's meant to be."

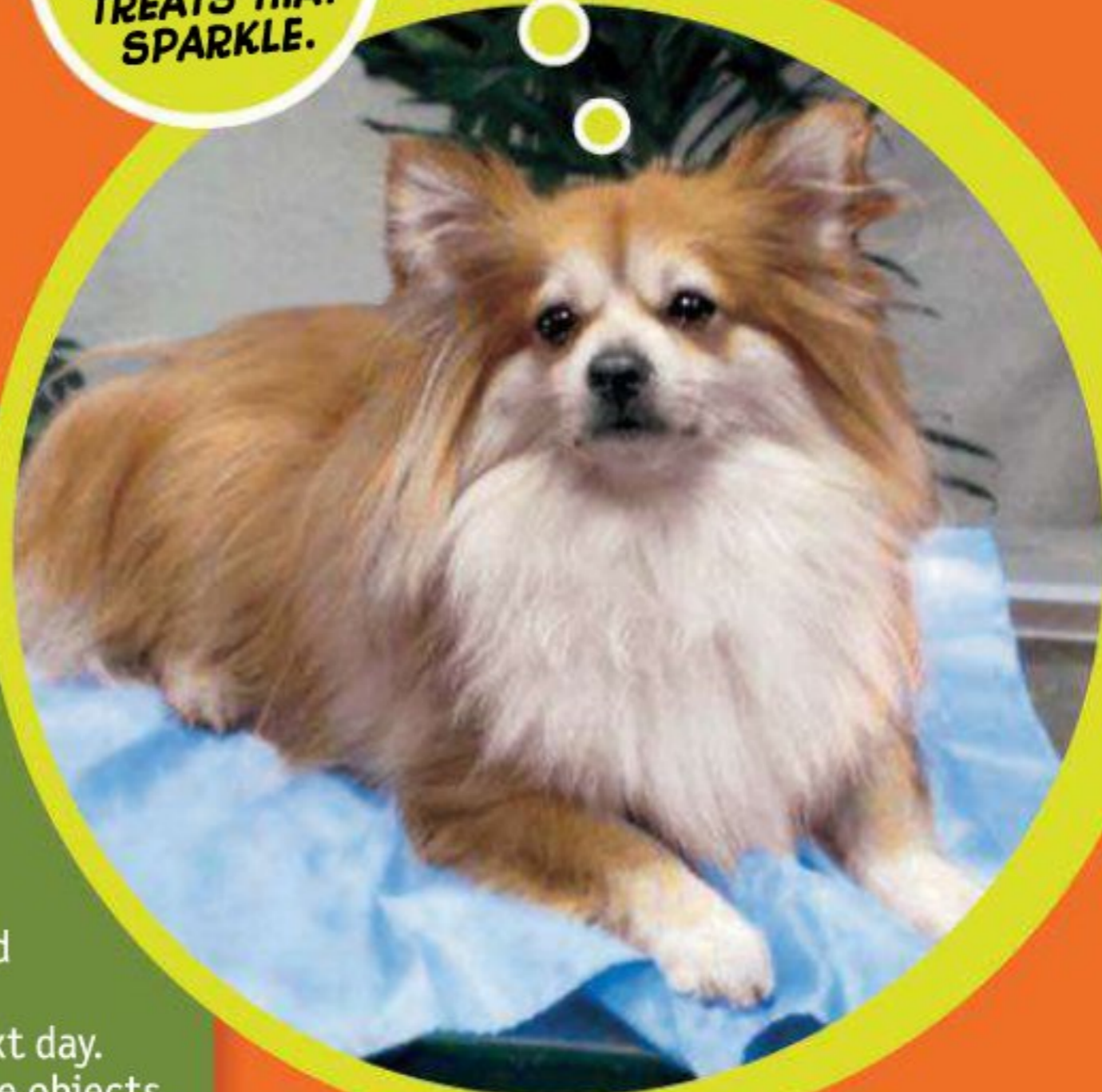


Humpback Whale

Joe

Honey Bun

NOTE TO SELF: STAY AWAY FROM TREATS THAT SPARKLE.



## DOG SWALLOWS DIAMONDS



### Albany, America

When diamonds worth R80 000 disappeared from Chuck Roberts' jewellery shop, he quickly identified the stealthy robber – Honey Bun the Pomeranian.

The canine crook had mistaken the glittering stones for a tasty treat and gobbled them up. Noticing the missing bling, Chuck rushed Honey Bun to the vet's office, where X-rays proved the pet's guilt.

Luckily the unharmed pooch, uh, "returned" the loot the next day. But would he be a repeat offender? Quite possibly. "Dogs explore objects by licking and eating them," veterinarian Marty Becker says.

Now Chuck keeps a close eye on the mischievous pup. But it's not his jewels that he's worried about. "I just want to make sure Honey Bun is safe," Chuck says. "He's more valuable than any diamond in the shop."

Bet you  
**didn't  
know**

BY JEANNETTE KIMMEL

**7**

**bee facts to  
BUZZ** about

HONEYBEE



**1**

**Bees**  
have a  
special  
**stomach**  
for **carrying**  
**nectar.**

**2**

In summer a single  
hive can house up to  
**80 000** honeybees.

**5**

Ancient Greeks  
used **bee**  
**venom**  
to **treat**  
**baldness.**

**6**

**Male**  
**bees**  
can't  
**sting.**

**3**

Some  
**bees**  
**sleep**  
on **flowers.**

**4**

A bee  
beats its  
**wings**  
up to  
**12 000**  
times a  
**minute.**

**7**

**Beeswax**  
comes out of **glands** on a  
**worker bee's** abdomen.

ASTONISHING  
STORIES FROM  
THE FILES OF

# Guinness World Records

## CART TAKES OVER PARKING LOT

You'll never run out of room for groceries again. This vehicle holds the record for the world's largest motorised shopping trolley. As tall as an African elephant, the trolley is powered by a motorcycle engine. Driver and creator Edd China manoeuvres the trolley with a car's steering wheel while perched on the "baby" seat. Just don't take this for a joyride down the shop aisles – the trolley can zoom legally on highways at up to 100 kilometres an hour.  
– Molly Marcot



## TEENY TINY

## CAT

If you can't find Fizz Girl the cat, try looking inside a boot. That's where the world's shortest living cat likes to take her cat naps. Just 15 centimetres long, Fizz Girl likes to jump in front of her animal friends' food bowls at mealtime and growl playfully. Maybe she thinks horses and dogs need as little food as she does. – Molly Marcot



15 cm

## ANIMALS ON THE PROWL

No, these aren't escaped animals from the weirdest zoo ever. They're just contestants in the largest two-person costumed animal race. Each costume – everything from a camel to a cow to a reindeer – was worn by two people, who raced 91 metres to the finish line. – B.F. Summers



TIM ANDERSON / GUINNESS WORLD RECORDS (SHOPPING CART);  
RYAN SCHUDE / GUINNESS WORLD RECORDS (FIZZ GIRL); GUINNESS WORLD RECORDS  
(ANIMAL COSTUMES). INFORMATION PROVIDED BY © 2012 GUINNESS WORLD RECORDS LIMITED.



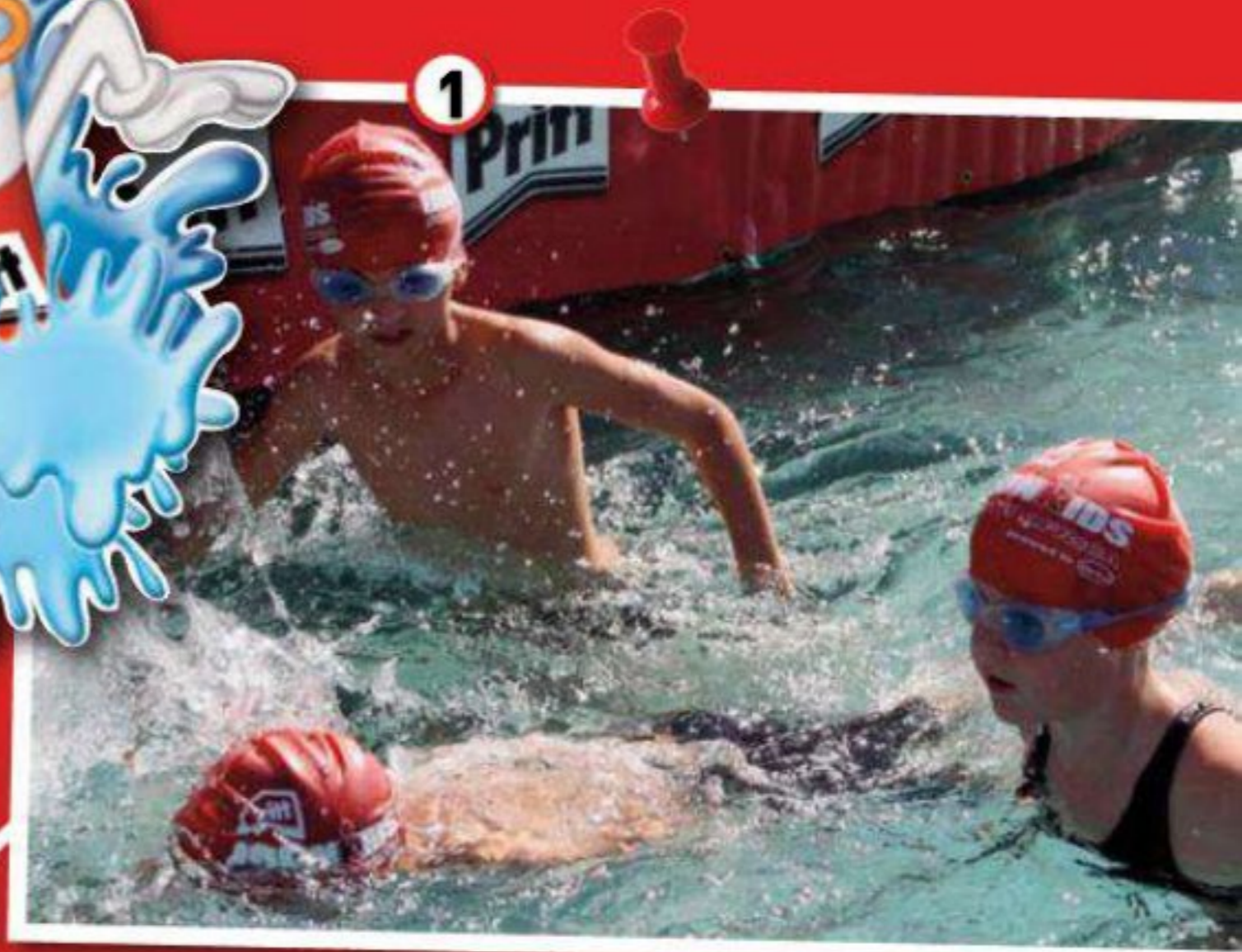
PRITT  
IRONKIDS IS THE  
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FOR AN ACTIVE  
AND HEALTHY LIFE!



# IRONKIDS<sup>®</sup>

## SOUTH AFRICA

The Pritt IronKids got the heart rates up when it kicked off with a splash in Port Elizabeth on Saturday 21 April 2012.



1 THE KIDS IN THE AGE GROUP 6 to 9 SWAM 60 METRES AND RAN 1,5 KILOMETRES! WELL DONE!



2 MR PRITT WAS THERE TO CHEER EVERYONE ON!

PRITT  
IRONKIDS IS A  
AQUATHLON  
CONSISTING OF  
SWIMMING AND  
RUNNING.



4



3



6



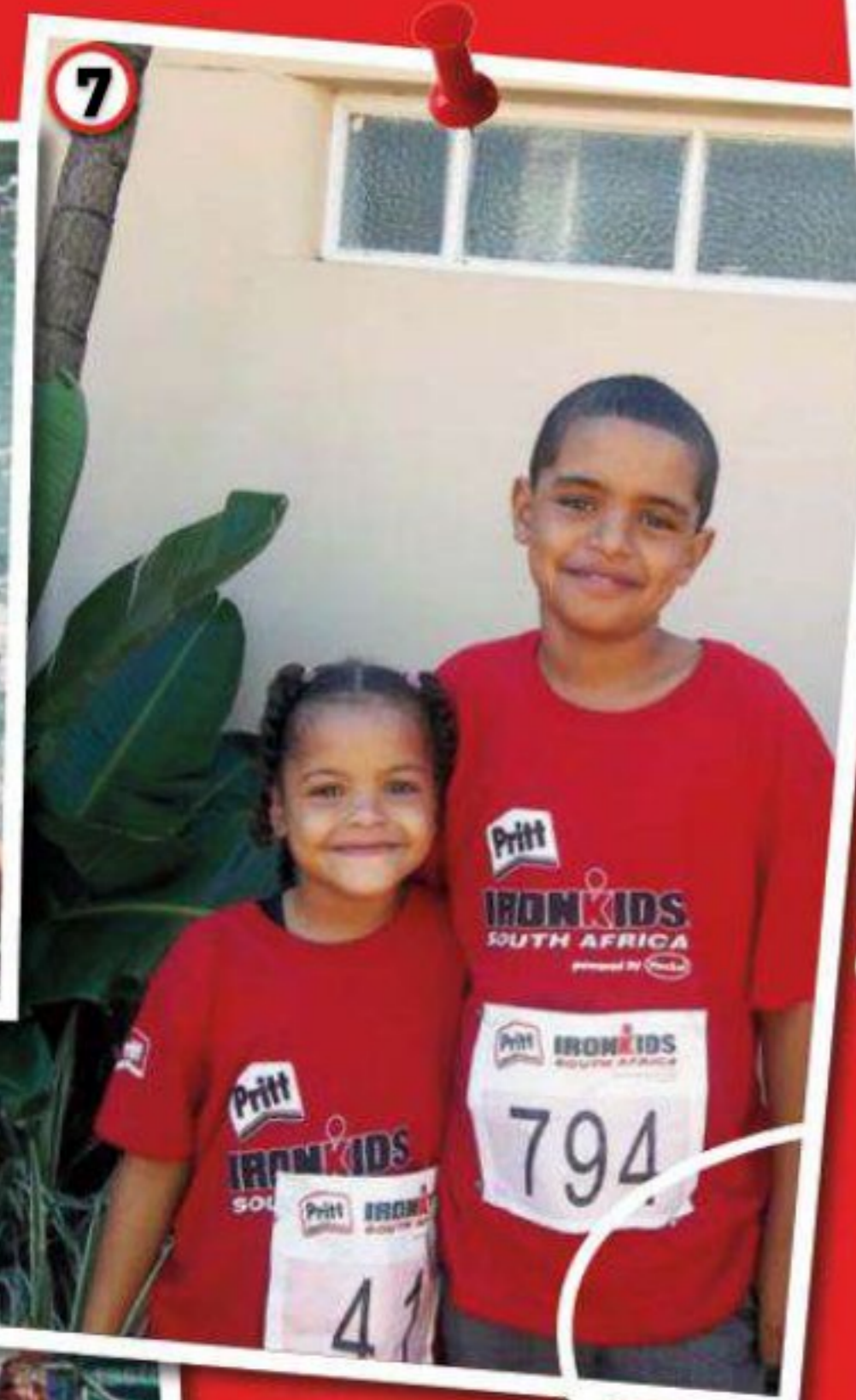
5

LIFE SAVERS AND VOLUNTEERS WERE ON STANDBY ON THE DAY TO ASSIST IN EVERY PART OF THE RACE, AND ENSURE THE SAFETY OF THE CHILDREN, ALLOWING THEM TO ENJOY THE DAY TO THE FULLEST.

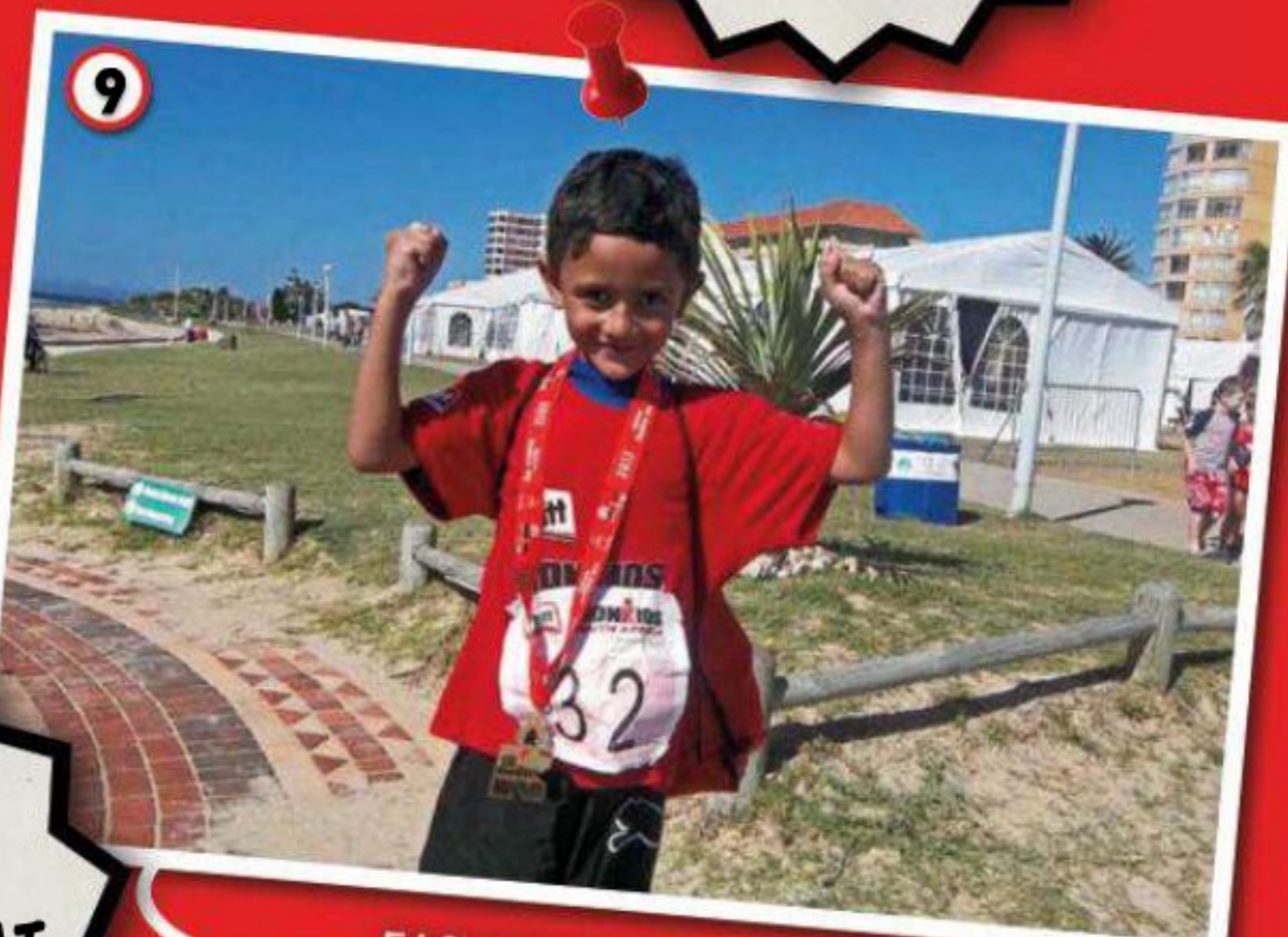


**A TOTAL OF 967 EXCITED KIDS TOOK PART IN THIS AWESOME SPORTS EVENT IN SOUTH AFRICA!**

THE EVENT HELPED EVERYONE REALISE THAT A HEALTHY LIFESTYLE MAKES YOU A WINNER!



EACH AND EVERY ONE OF THE 967 KIDS IS A WINNER AS NO TIMES WERE TAKEN.



EACH FINISHER IS AWARDED A MEDAL AND A CERTIFICATE STATING THAT THEY ARE OFFICIALLY A PRITT IRONKID.

**PRITT IRONKIDS STARTS AT MCARTHUR'S POOL AND ENDS AT HOBIE BEACH AFTER THE 1,5 OR 2 KILOMETRE RUN**

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PARENTS AND FRIENDS CAME FROM ALL OVER TO SUPPORT AND CHEER ON THE ATHLETES.



EVERYONE RECEIVED AN AWESOME PRITT IRONKIDS MEDAL!



**Pritt**

**IRONKIDS SOUTH AFRICA**  
powered by **Henkel**

<b>PRITT IRONKIDS</b>	
21 April 2012	
60m SWIM	1,5km RUN (6-9 years)
100m SWIM	2 km RUN (10-13 years)
How many kids attended?	
112	6-year-olds
145	7-year-olds
164	8-year-olds
172	9-year-olds
151	10-year-olds
118	11-year-olds
73	12-year-olds
43	13-year-olds
Visit <a href="http://www.ironkids.co.za">www.ironkids.co.za</a> for more information.	

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FINISHERIX (PHOTOGRAPHY); ISTOCKPHOTO (OTHER ILLUSTRATION)



# Serval

BY SCOTT ELDER  
PHOTOGRAPHS BY SUZI ESZTERHAS

# Resc





**BOTTLE BABY**

## How a wildlife photographer in Africa **saved** this orphaned serval

**T**he mother serval smells danger in the air of the African savannah. It isn't the familiar scent of leopards or hyenas, the deadly predators that pose a constant threat to the small

wild cat and her babies. She smells fire. Park rangers in the Masai Mara National Reserve in Kenya are conducting a regular controlled veld fire, which is good for the health of the park's vegetation. Soon the fire will reach the servals' home, a den hidden inside a dense thicket of bush.

The serval picks up one of the newborns in her mouth and moves it to safety, then returns for another and another. But in the chaos of the repeated moves, one baby serval blindly wanders off alone into the smoke. His mother cannot find him.

### **HELP SHOWS UP**

Tourists hoping to see distant wild animals from their safari truck encounter something unexpectedly close: the orphaned serval kitten standing in the middle of the dirt road. With no mother in sight, the guide picks up the tiny spotted cat and delivers it to park rangers. They contact their friend Suzi Eszterhas, an American wildlife photographer camping in the park.

Suzi hurries to the rangers office. The squirrel-sized kitten's eyes and ears are just

beginning to open – Suzi guesses he's just over one week old. The serval didn't suffer any burns, but he's dehydrated, underweight and covered in fleas.

### **AT HOME WITH NEW MUM**

Since the kitten won't survive on the savannah and there is no wildlife rehabilitation centre in the area, the rangers ask Suzi to raise him. Although the serval hisses angrily at her, she agrees. "A wild baby should be with its mum. But I was the best chance he had," Suzi says. She takes the kitten back to her tent and names him Moto, the local word for fire.

The photographer had observed wild servals, so she knows that adopting this orphan will be a lot more complex than caring for the house cats she grew up with. Her goal isn't to make Moto a pet – she hopes someday he will return to the wild.

Suzi picks the fleas off Moto by hand. She discusses servals with wildlife experts, downloads a recipe for serval milk formula at the nearby safari lodge and, since she can't find a feeding bottle for cats, borrows a human baby bottle for hand-feeding.

### **HOLDING MOTO CLOSE**

Suzi feeds Moto every few hours, even at night. After a few days she's worried that he isn't eating enough. He seems listless,

**ue**



### KITTEN IN A POUCH

as if he's depressed. The park rangers recommend that she talk to a woman who once raised wild animals. She tells Suzi on the phone: "He's not bonded enough with you. You have to convince him you're his new mum. He has to know your heartbeat and the feel of your skin."

But how can Suzi do that? Then she has a brilliant idea: She asks a seamstress to sew pouches onto her shirts so she can carry Moto around like a kangaroo mother. As soon as she puts Moto in the pouch, he relaxes. "The change was amazing," Suzi says. Whenever she faces a new hurdle caring for the little wild cat, Suzi asks herself: "What would a serval mum do?" For example, to

**As soon as she puts Moto in the pouch, he relaxes.**



### LOVING THE BRUSH

imitate the comforting stroke of a mother serval's bristly tongue, Suzi regularly brushes Moto's fur with a toothbrush. He loves it.

### RELAXED AND PLAYFUL

Suzi gives Moto a toy so he won't feel alone when he's not in the pouch: a stuffed animal duck she calls Mr Duckie. Moto cuddles with him, but later his hunting instincts take over. "He stalked Mr Duckie, grabbed him by the neck and pounced on him," she says.

Suzi decides Moto is ready for walks around the camp. At first he's terrified of everything. "When I put him down on the ground, he just looked at me as if he wanted to know what I'm doing," Suzi says. At around six weeks old, Moto becomes more comfortable outside she starts to feed him dead rats. This helps train him for hunting since a wild serval's diet is mostly rodents. Suzi also unzips the tent door when she goes to sleep, so that the increasingly nocturnal Moto can explore the savannah at night. "It worked just like a cat flap," she says.

Moto begins eating less of what Suzi gives him, which means he's eating wild prey he catches at night. Long-legged servals stalk mice and rats, then leap over three metres to pounce on their prey. As he becomes a confident hunter, Moto grows more wild and aggressive. He doesn't sleep



### MY FRIEND MR DUCKIE



CAUGHT IT MYSELF!

in the tent anymore, but drops by for quick snuggles before dawn. Then, after about six months, Moto doesn't return. "I thought I'd see him around camp more, but he just vanished," Suzi says. "I was a wreck. I was sure he'd been attacked by a leopard."

### WILD AND FREE

A few weeks later a park ranger who helped care for Moto visits Suzi with exciting news. While on a dirt trail, he found a serval that nuzzled against his leg. The ranger looked down and recognised Moto immediately.

Now Suzi knows Moto is safe. "I was ecstatic!" she says. "I was so proud of him, like a mother. But I didn't come close to doing what his real mum would have done for him."

But since Moto is thriving back in the wild, it must have been close enough.



RUNNING FREE



ALL GROWN UP



## HOW TO ENTER\*

- 1 Choose your **category** and make your favourite dish (or dishes).
- 2 Give your dish an **original title!**
- 3 **Write down** your recipe and take a **photo** of your fab food. Remember to send in only one recipe per category!
- 4 Send us your entry before **24 July 2012**.  
By post to: NG KIDS Young Chef Competition, PO Box 2271, Cape Town 8001.  
**Don't forget to include the entry form!**

By e-mail to: [yc@ngkids.co.za](mailto:yc@ngkids.co.za)

**Include all the information on the entry form in your e-mail.**

Deliver to:  
NG KIDS Office, Media24  
Lifestyle Division,  
4th Floor  
ABSA Building  
4 Adderley street  
Cape Town

Via Facebook:

Visit the NG KIDS SA fan page on Facebook and click on the Young Chefs Competition tab.  
<https://www.facebook.com/NationalGeographicKidsSA>

## ITS TIME TO SHOW SOUTH AFRICA HOW CREATIVE YOU CAN BE IN THE KITCHEN!

NG KIDS Young Chefs Competition is back with Redro and we are excited to see what all of you young chefs have in store for us this year! Do you have a secret recipe for a winning koeksister or the perfect party snack? Do you dazzle your friends and family with an original and yummy sandwich? Send us your favourite recipe and we'll publish the most scrumptious in the October issue of NG KIDS. You also win fantastic prizes and have the title of NG KIDS Young Chef of the year!

## WHAT YOU DO

Send us your **recipe** with a **photograph** in any of the following **categories**:

- A BRAIN AND BODY FUEL**  
Share your best ideas for healthy meals that will make you a sports star or keep your mind sharp. It could be a salad, smoothie or a main meal. Go wild with brain and body boosting foods such as fish, wild rice, nuts and grains.
- B WEIRD BUT TRUE SANDWICH**  
Invent your own awesome combination for a wrap or make up your own wacky sandwich filling like cream cheese and fish paste on Ciabatta or maybe even cheese, herbs and vegetables.
- C PARTY SNACKS**  
Share your creative party snack recipes with us. We would like to taste what you think would be the best savoury or sweet snack to have at your next party!
- D PERFECT PADKOS OR OUTDOOR FOOD**  
If you know how to cook in a can, on a stick over a fire or have a favourite braai treat, send us your recipe!

**BEING A YOUNG CHEF IS ABOUT YOUR PRESENTATION AND THE WAY IT TASTES. BE CREATIVE!**



**ENTRIES WILL BE JUDGED ON CREATIVITY AND TASTE (50 PERCENT EACH). THE JUDGES' DECISION IS FINAL.**

Sponsored by

**REDRO**

[WWW.BOKOMO.CO.ZA](http://WWW.BOKOMO.CO.ZA) AND FIND US ON FACEBOOK

# WIN!

PANCAKE KIT

CUPCAKE KIT

COMPETITION

CAKE KIT

## GRAND PRIZE

PIZZA KIT

The winner in each of the four categories will get a hamper valued at R1 875 with separate kits for a cake, chocolate cookies, cupcakes, gingerbread, pancake and pizza. They will also win a year's membership to The Cooking Club for Kids (with apron and chef hat) worth R150, PLUS The Snappy Chef Induction Stove which has a heat-resistant hot plate valued at R999, all courtesy of The Cooking Club for Kids.

COOKIE KIT

Ready, steady, cook! The cooking kits are designed with little hands in mind, made of silicone which resists heat and is cool to the touch. Each kit contains essential tools and recipes that will get you baking in no time!

GINGERBREAD KIT

CHOCOLATE KIT

The Cooking Club for Kids has been created to bring families back to basics, spending time in the kitchen and having fun together. Visit [www.thecookingclubforkids.co.za](http://www.thecookingclubforkids.co.za) for more information.

HOT PLATE

COOKING APRON

## ENTER NOW!

The first 30 entrants will receive a year's membership of The Cooking Club for Kids, which comes with an apron and a chef hat and is worth R150.

### ENTRY FORM

FULL NAME:

BIRTHDATE:  SCHOOL:

POSTAL ADDRESS:

TELEPHONE NUMBERS (Home and guardian's cell):

CATEGORY:  TITLE OF ENTRY:

NAME OF GUARDIAN:

WHAT IS YOUR FAVOURITE REDRO FLAVOUR? ORIGINAL  OR TOMATO

I give permission for   SIGNATURE

(name of entrant)'s entry and photograph and recipe to be published or displayed by NG KIDS.

\*TURN TO PAGE 49 FOR TERMS AND CONDITIONS.



HIGH IN OMEGA 3

# COMPETITION OPENS 30 MAY 2012 AND CLOSSES 24 JULY 2012. HURRY UP AND ENTER!

THE BRAINY BREAD SPREAD

Prizes sponsored by The Cooking Club for Kids

NATIONAL GEOGRAPHIC

# Taking the Reins

BY ZOE COLALUCA  
AS TOLD TO RACHEL BUCHHOLZ  
PHOTOGRAPHS BY KARINE AIGNER

## Wheelchair? Whatever! Riding horses helps me stay in control of my life.

*I wanna change the world with the things I have to say,  
Yeah, I know it will be tough but I won't run away.  
And I know that sometimes people only see the outer shell,  
Well, I'm gonna break through 'cause I've got a story to tell.*

Wouldn't that make a cool song? Maybe when I form my girl group and become a rock star, this'll be on everyone's playlist. For now, I'll just keep writing my songs, riding horses and making sure nothing—not even my wheelchair—gets in my way.

### SADDLE UP

People ask me all the time why my legs don't work. I tell them when I was born, I wasn't breathing. By the time doctors had me going again, I had suffered some brain damage. When my brain tells my legs to walk, the message gets messed up.

I have a condition called cerebral palsy (CP). It's really just a term for a lot of brain disorders that affect movement and coordination. For me it means I've always used a walker while wearing leg braces or used a wheelchair to get around.



## HORSING AROUND



### RAMPING UP

To get me on the horse, Joan Schroeder at R.O.C.K., Ride on Centre for Kids, first pushes me up a ramp.



### SITTING TALL

At the top of the ramp I'm at eye level with Topper the horse. Then Joan and other helpers can lift me onto his saddle.



### RIDE ON

Two people walk beside me—just in case. Here, I'm steering Topper through an obstacle course to help me build muscle.



Some people may feel sorry for me, but I consider myself lucky even though there is no cure. CP affects only my legs, but in other people it affects the whole body—sometimes their ability to talk or even feed themselves, which are things most people take for granted.

When I was 2½ years old, my grandparents started taking me to R.O.C.K., Ride on Centre for Kids in Georgetown in America. It's a place where kids with disabilities ride horses to help with balance, strength and coordination. It may look like you're just sitting, but riding takes a lot of muscle and control. You try getting a 450-kilogram horse to do what you want!

Therapeutic riding may also help me walk better one day. When you ride a horse, your hips and legs move like they would when you walk. Your brain starts saying to your legs: "See? This is what I mean when I tell you to walk." The hope is that I'm building muscle memory that will help me walk when I wear my braces.

Right now I'm using mostly the wheelchair to get around, just because it's easier and faster. But it can still be annoying. Most of the time it fits through doorways, but when it doesn't, I've been known to get down and crawl. Of course the last time I tried that, I stubbed two toes! One day my choir friends wanted to practise in a spot up some steps and I said: "Hello! I can't go there!" But I guess it's pretty cool that I have friends who sometimes forget I'm in a wheelchair.

**"My wheelchair does make me a little different from most people, but I *like* being different. It's boring when people are the same."**

### RIDING HIGH

Here's one great thing about horses: They have no idea that you can't walk. You're just another person in the saddle.

Sometimes I wish people were more like horses. I see people staring at me and I just want to tell them, "Yes, I'm in a wheelchair—whatever!" My wheelchair does make me a little different from most people, but I *like* being different. It's boring when people are the same and my wheelchair is just one thing that makes me who I am. Besides, everyone is different in their own way. If you make assumptions about someone because they're different, you may miss something great.

It drives me *crazy* is when people think I can't do certain things. They'll pick up things when I drop them or try to give me a push. Then I say: "I could've done that." I know they're just trying to help, but my attitude is that there's a way for me to do almost anything—just give me the independence to figure out how.

A few years ago I wanted to take dance, but a few adults didn't think I should. My mum finally convinced them I'd be all right. There I was, in my braces and walker, dancing with the other kids. Maybe I was a little out of step. Or maybe a lot! But at least I was doing it.

To be honest, I think that if I didn't ride horses, I wouldn't have the confidence to do things like that. When I'm sitting on that horse, giving commands to stop, turn and reverse, I'm in control. Yes, I'm really high up. I'm a little wobbly because my legs aren't strong. I might even fall. But I don't. And I think if I can do this, I can do just about anything. Next up: skydiving!



**MOST 14-YEAR-OLDS DON'T GET TO RIDE HORSES ONCE A WEEK, SO I THINK I'M PRETTY LUCKY!**



**BELIEVE IT OR NOT, HORSE RIDING HELPS ME PLAY GUITAR BY STRENGTHENING MY BACK AND STOMACH MUSCLES.**



**MY CAT, PLUM, AND I**

If I didn't have cerebral palsy, if I weren't in a wheelchair, I probably wouldn't ride horses. So I think I wouldn't have been as positive because I'd have missed that outlet to help me relax. I wouldn't be as confident and I'd probably be afraid to try new things. I might not have had my friends who, almost like the horses, accept me for who I am.

Do I wish I could walk? Of course. So it might be strange to say this, but having CP has given me the life I have today. I *like* my life—I really wouldn't have it any other way.

Then again, I could do without the slobber when a horse tries to kiss me.



# Weird but true

BY MARILYN TERRELL

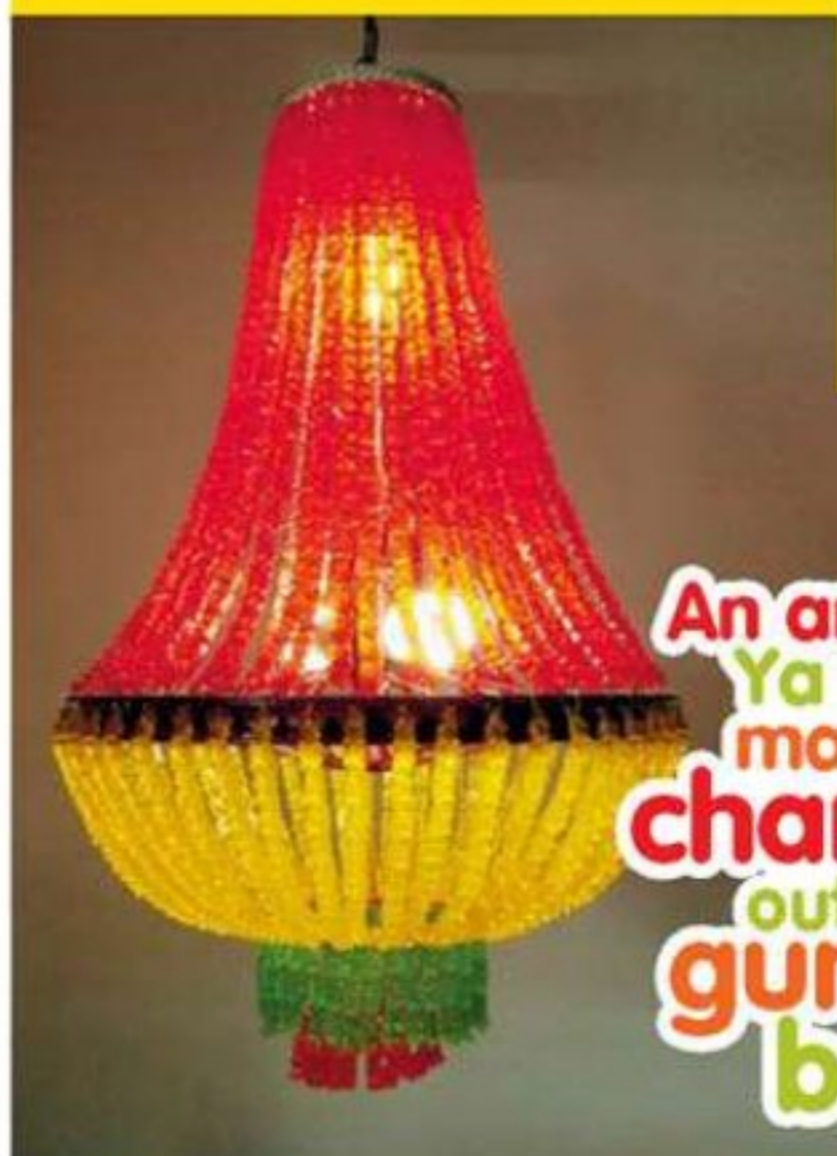
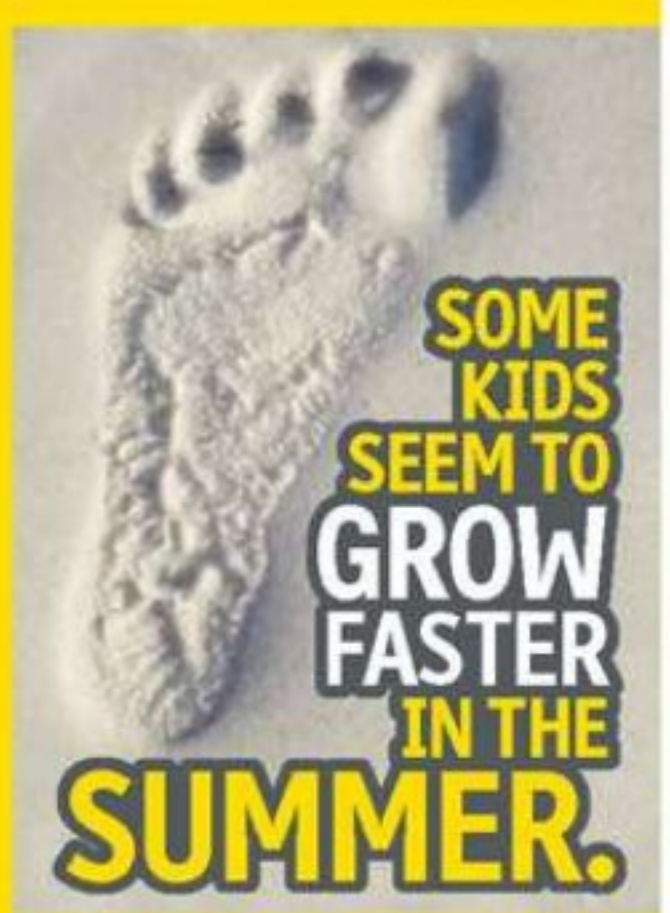
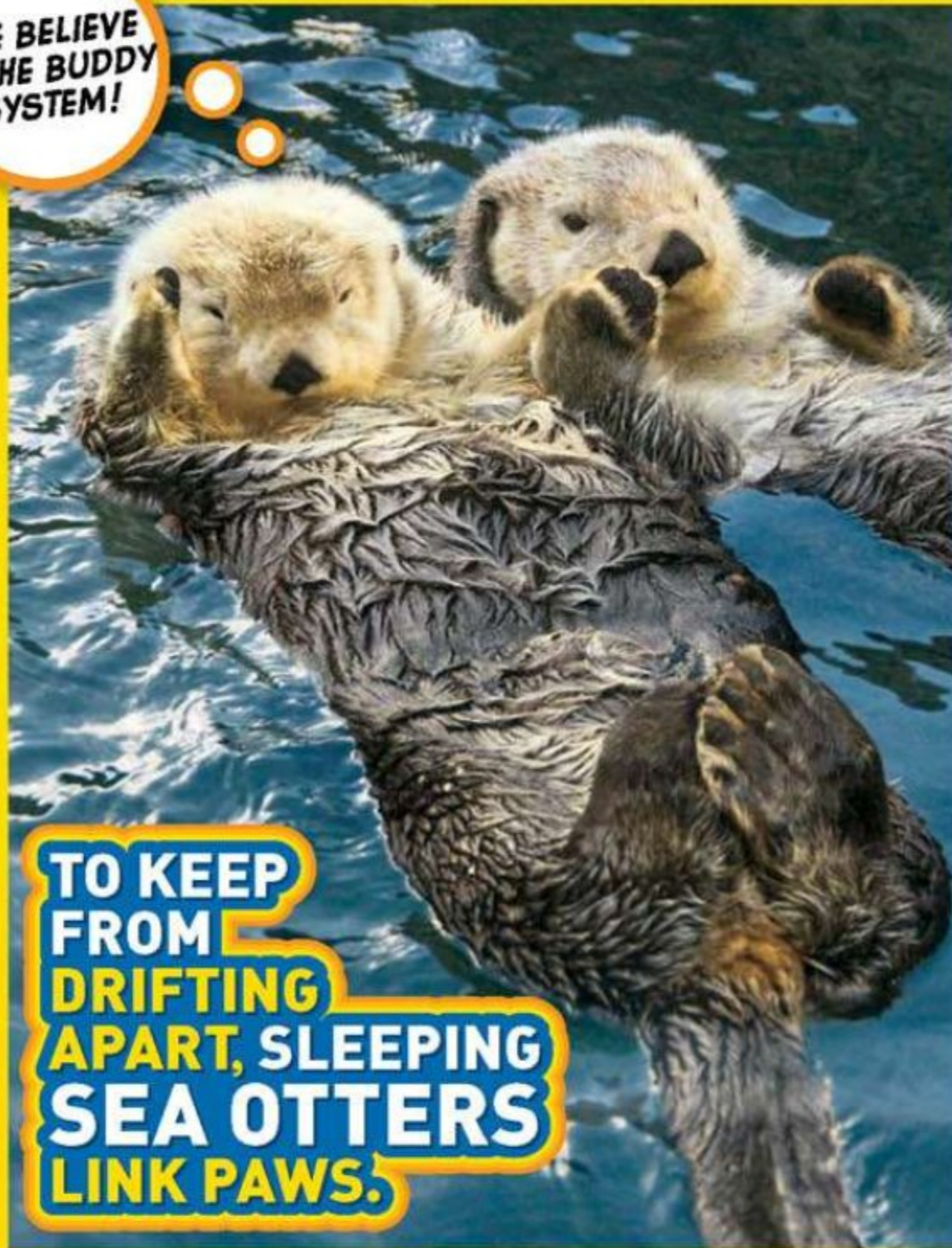
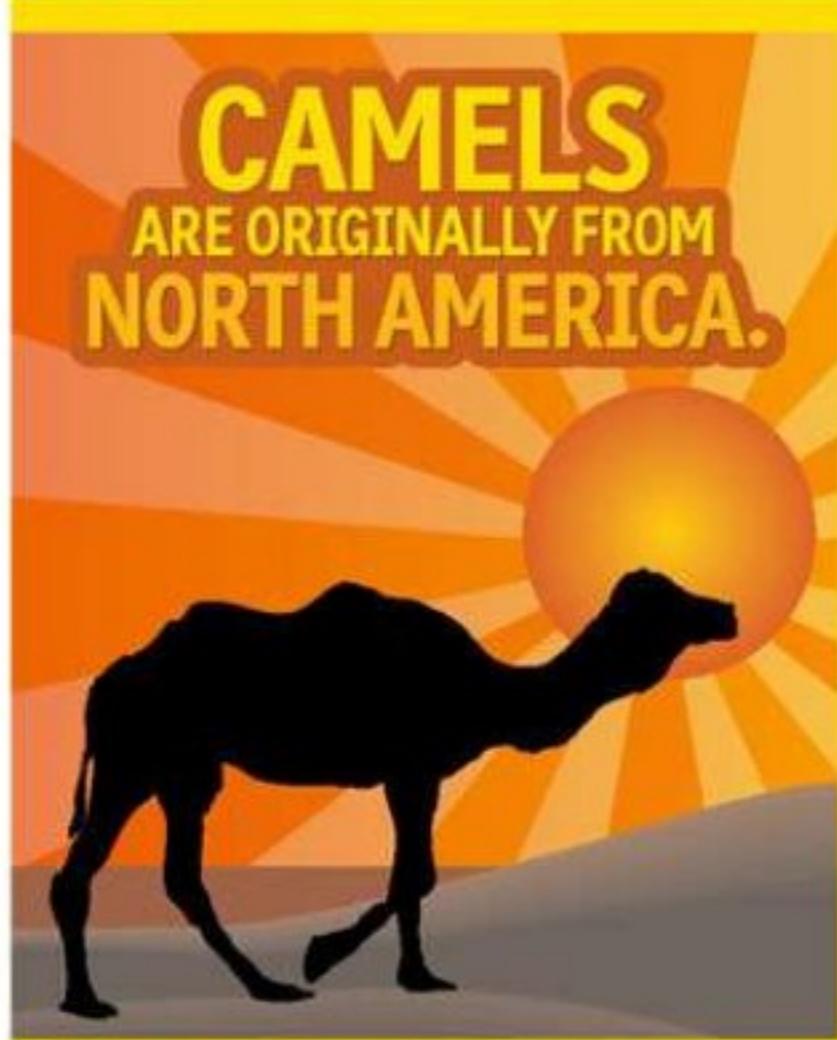
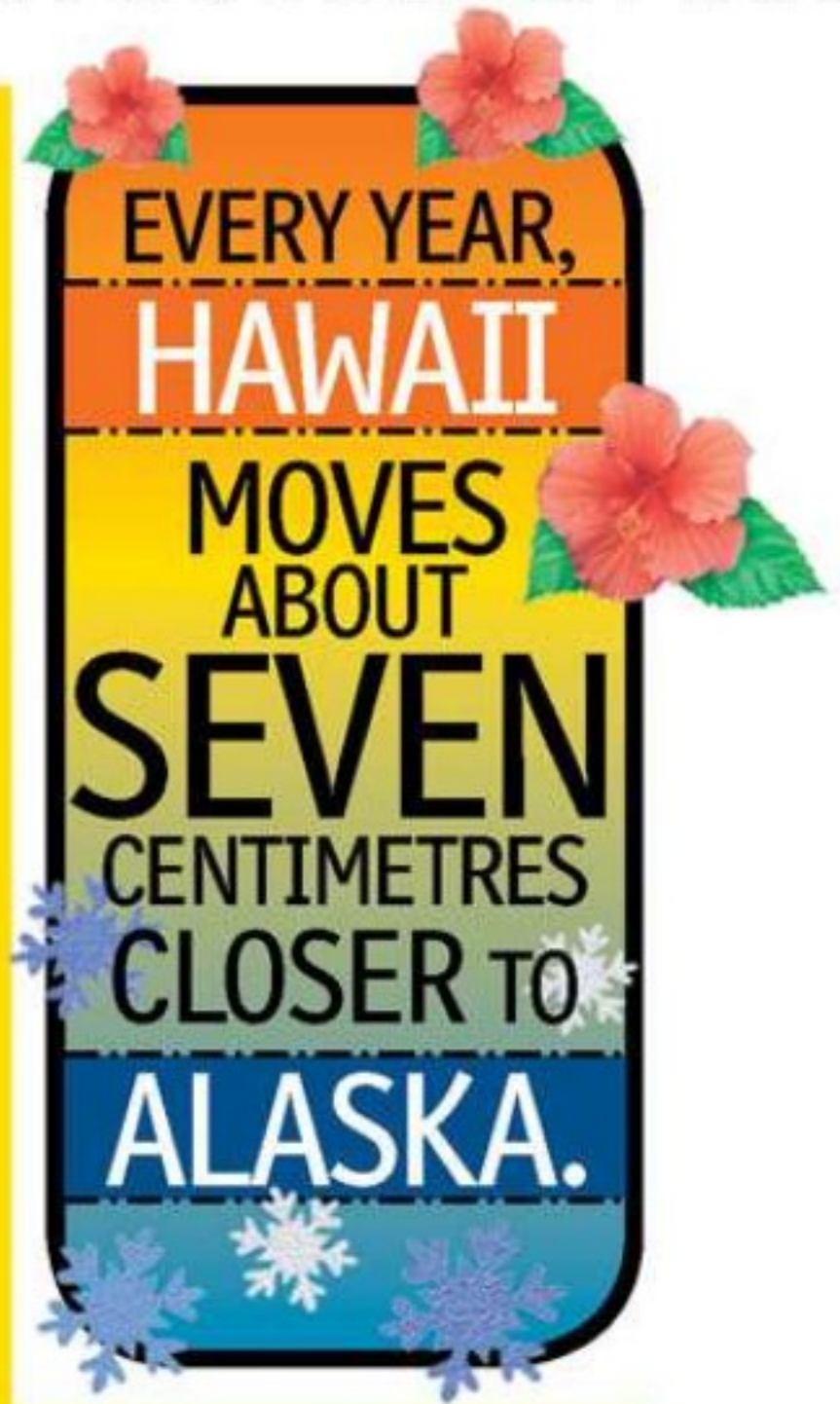
# Check out these outrageous facts.



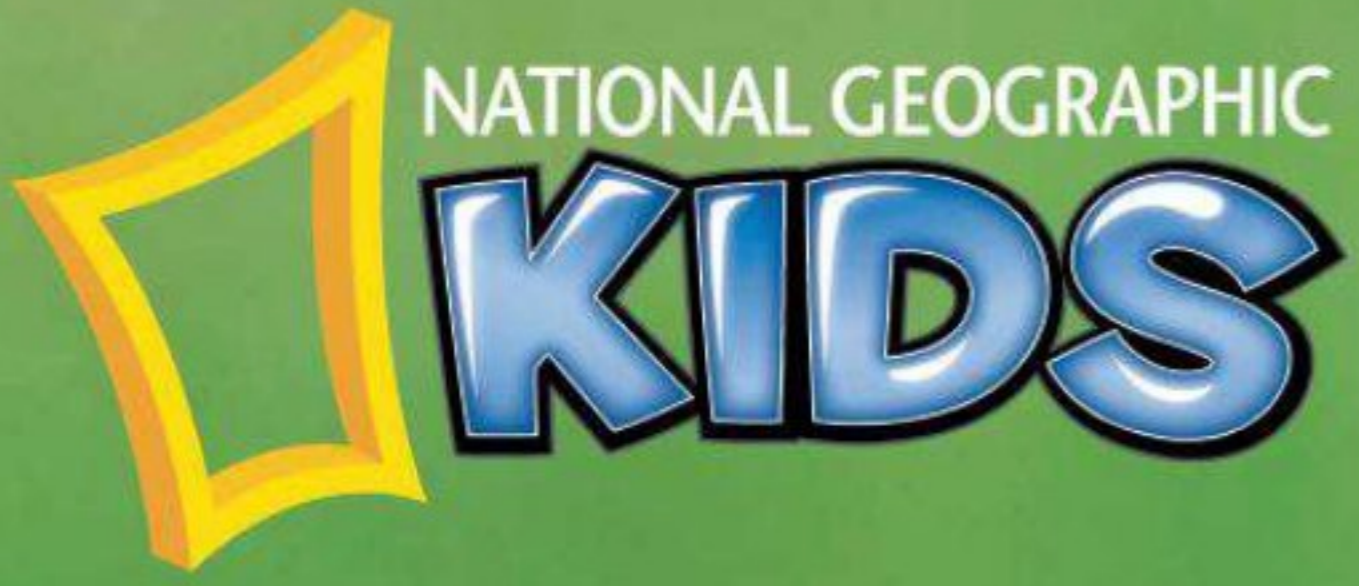
WE BELIEVE IN THE BUDDY SYSTEM!



A snail can crawl along a razor's edge without cutting itself.

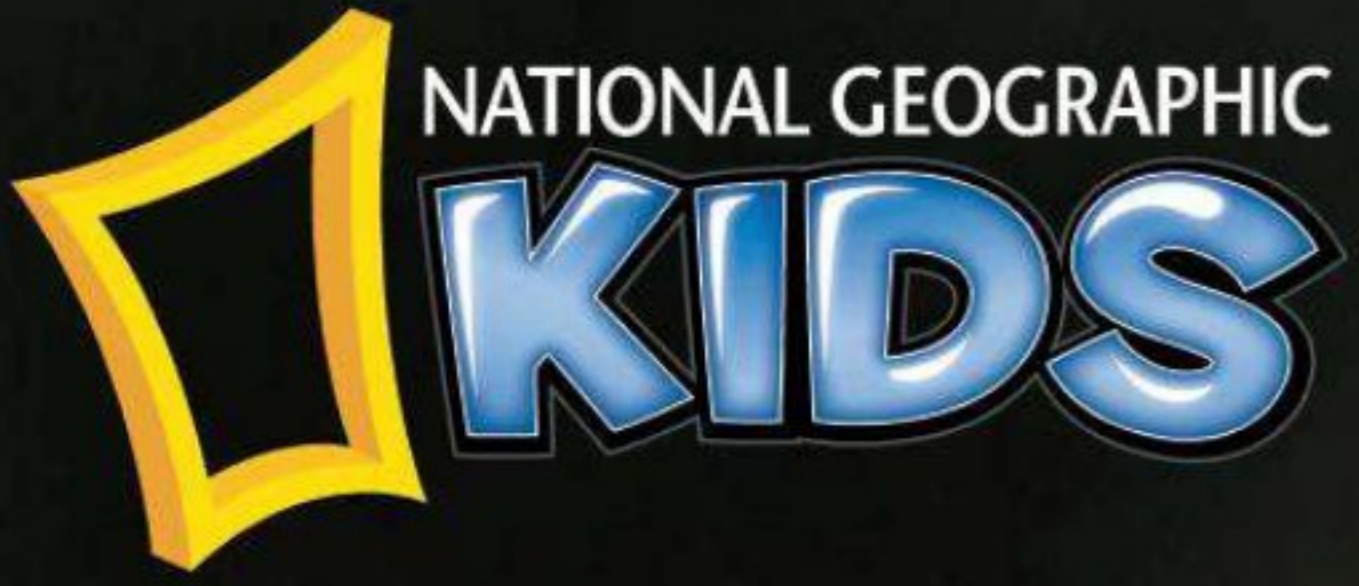


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# Porcupines





# Piglets

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# Swimming with

BY GARY MILLER

# FLATSHARKS

**W**ith its jaws open, a tiger shark springs forward. It sinks its razor-sharp teeth into a giant manta ray's fin. The ray rears up and a red cloud of blood oozes from it.

With the taste of blood in its mouth, the shark lunges forward again. It misses as the ray twists out of reach and speeds away.

The bleeding ray begins a long journey. It swims along the coast of Africa, looking for food and help.

Two days later it swims to the top of a coral reef, where it settles down, resting. Spotting the ray, small groups of fish swim out of their hiding places. They circle, then swarm around the ray. They are "cleaner fish" and the ray needs their help.

The cleaner fish go to work. One kind eats parasites clinging to the ray's belly and another kind eats algae that have built up around the ray's mouth. A third kind cleans the ray's bite wound.

After a few hours the fish are done and the ray is ready to move on. It swims away from the reef, back into deeper water.

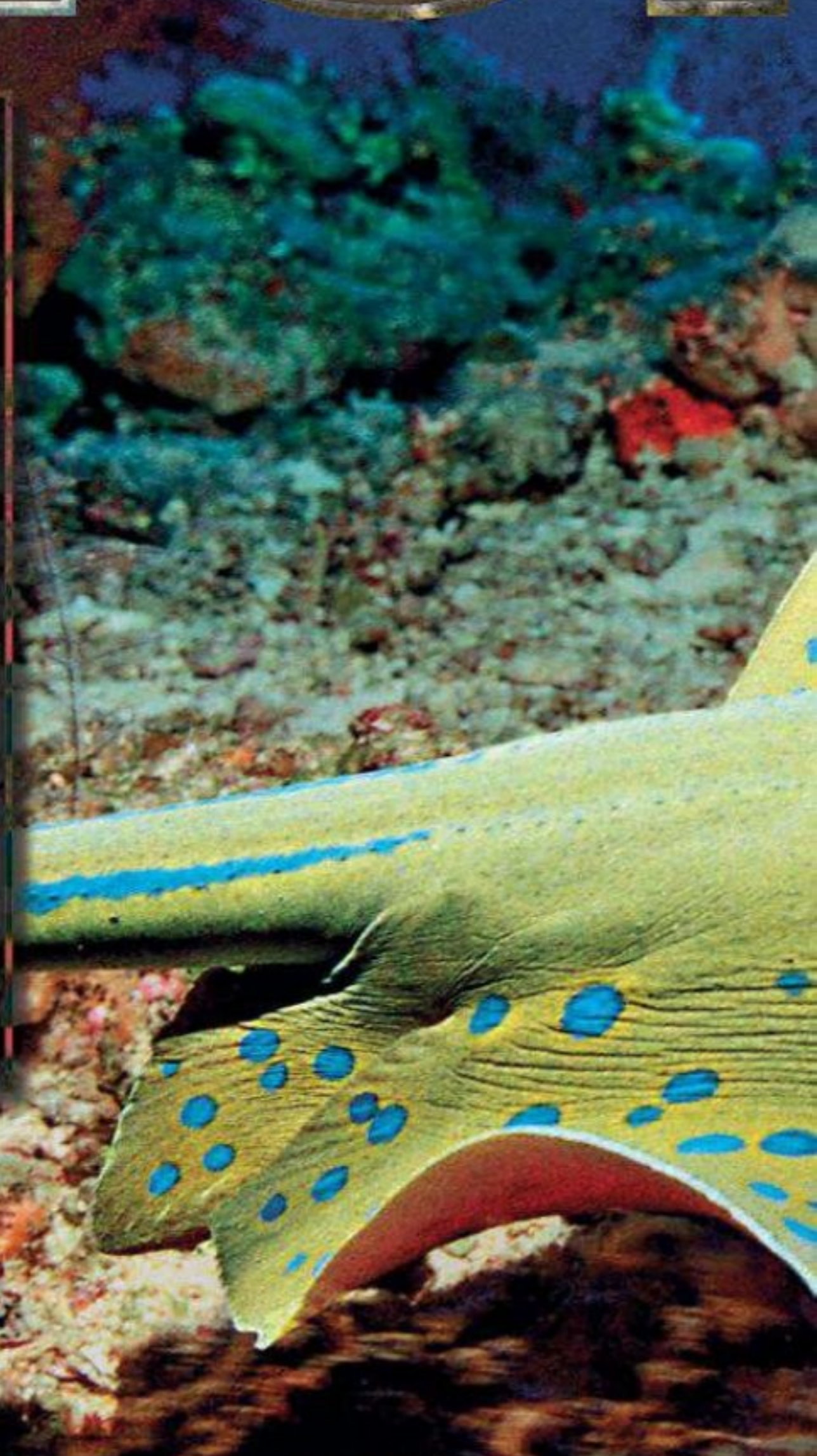
The cleaner fish and the ray help each other—the fish have a good meal and the ray is cleaned. This is an example of mutualism which happens when two living things need each other.


## FLAT SHARKS

Mantas are only one kind of ray. More than 500 ray species swim in the ocean. Rays are fish, closely related to sharks.

Think of a ray as a flat shark without the sharp teeth. Some kinds have a body shaped like an oval and others have a body shaped like a diamond. Then there's the guitar ray which really is shaped like a guitar!

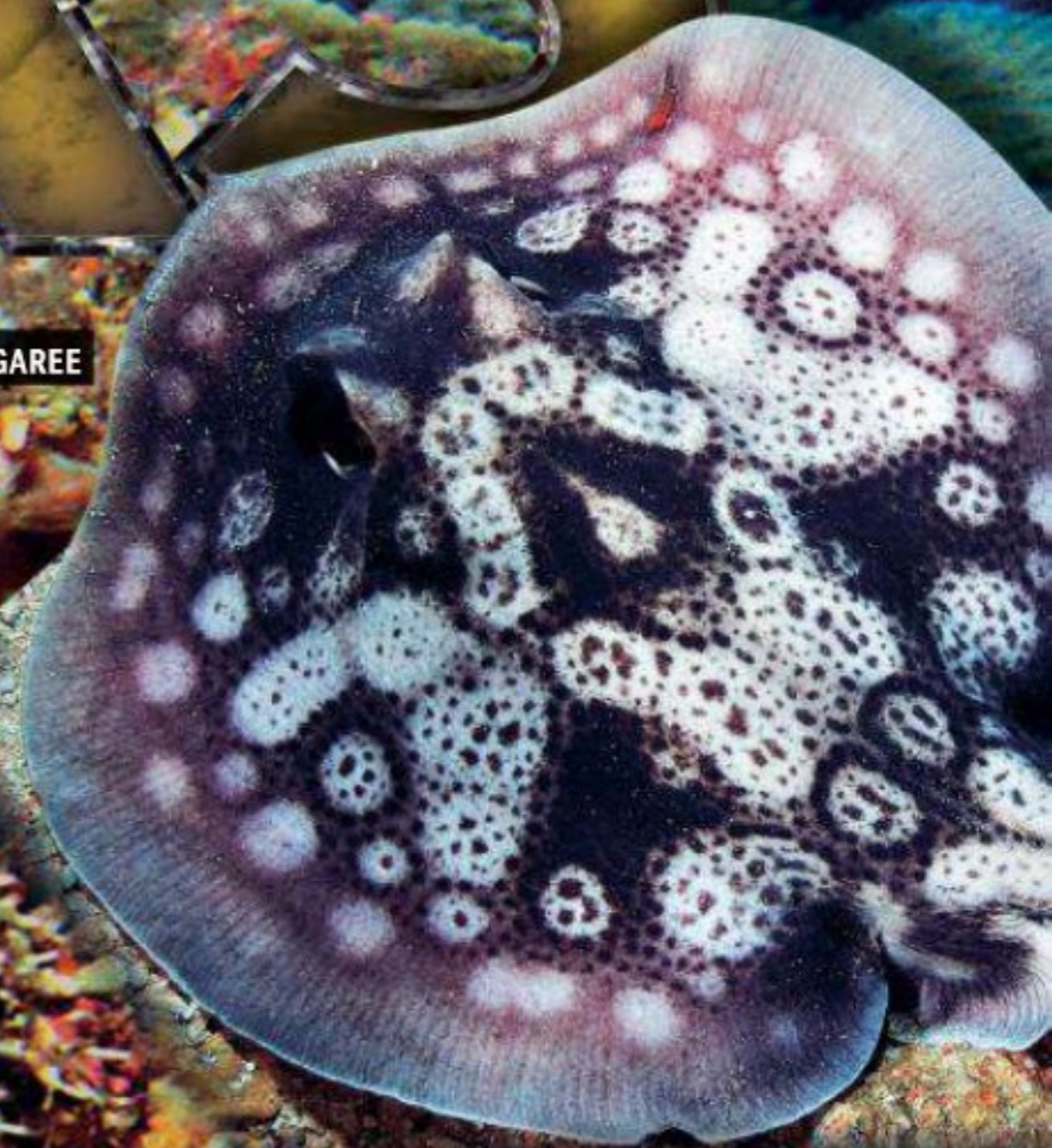
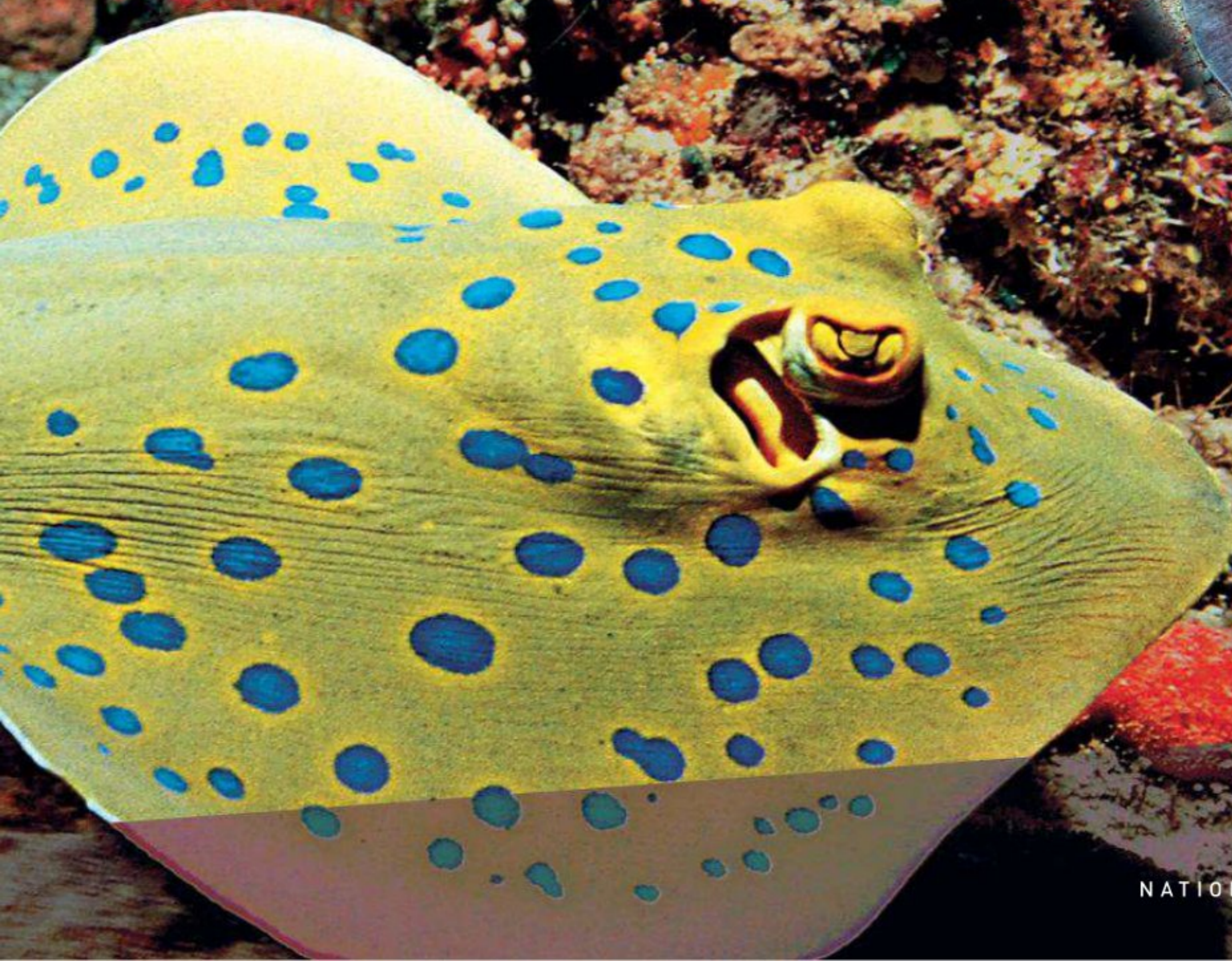
Different rays grow to different sizes. Some could fit in the palm of your hand while others are larger than four cars parked side by side. The short-nosed electric ray is the size of a pancake. The manta is much larger — it weighs as much as an elephant.





# HARKS

SPOTTED STINGAREE



# Like all living things, rays are part of a food chain.



CRUISING WITH ITS MOUTH OPEN HELPS THIS MANTA RAY CATCH FOOD.

## FLAPPING FINS

No matter their shape or size, all rays have a tail and fins on their sides. These are called pectoral fins and almost look like wings. The cownose ray flaps its pectoral fins up and down like a bird and almost never stops moving. It dips and climbs, rarely resting on the seafloor.

Another kind of ray, the spotted stingaree, swims along the seafloor. Its fins ripple from front to back and this motion pushes the ray forward. It also lets the ray hover over prey.

A ray uses its fins and tail together to help it move through the ocean. During a fight a tail can also be a weapon.

The blue-spotted stingray, for example, has sharp barbs on its tail and each barb holds poison. In a fight the stingray cracks its tail like a whip and stings its attacker.

A ray has to be careful. It doesn't have a hard shell to protect itself, and doesn't even have bones. Its skeleton is made of cartilage. Cartilage is tough and can stretch a little but it's not as strong as bone.

To see what cartilage is like, wiggle your nose with your fingers. Cartilage forms the tip of your nose.

## FINDING FOOD

Like all living things, rays are part of a food chain. They have to look for food and be careful not to become food. That's why rays have to look out for hungry predators such as sharks.

A ray's eyes are on top of its body and it scans the water above looking for carnivores diving down to eat it. Rays are predators with mouths full of teeth the size of pinheads. Rows of these

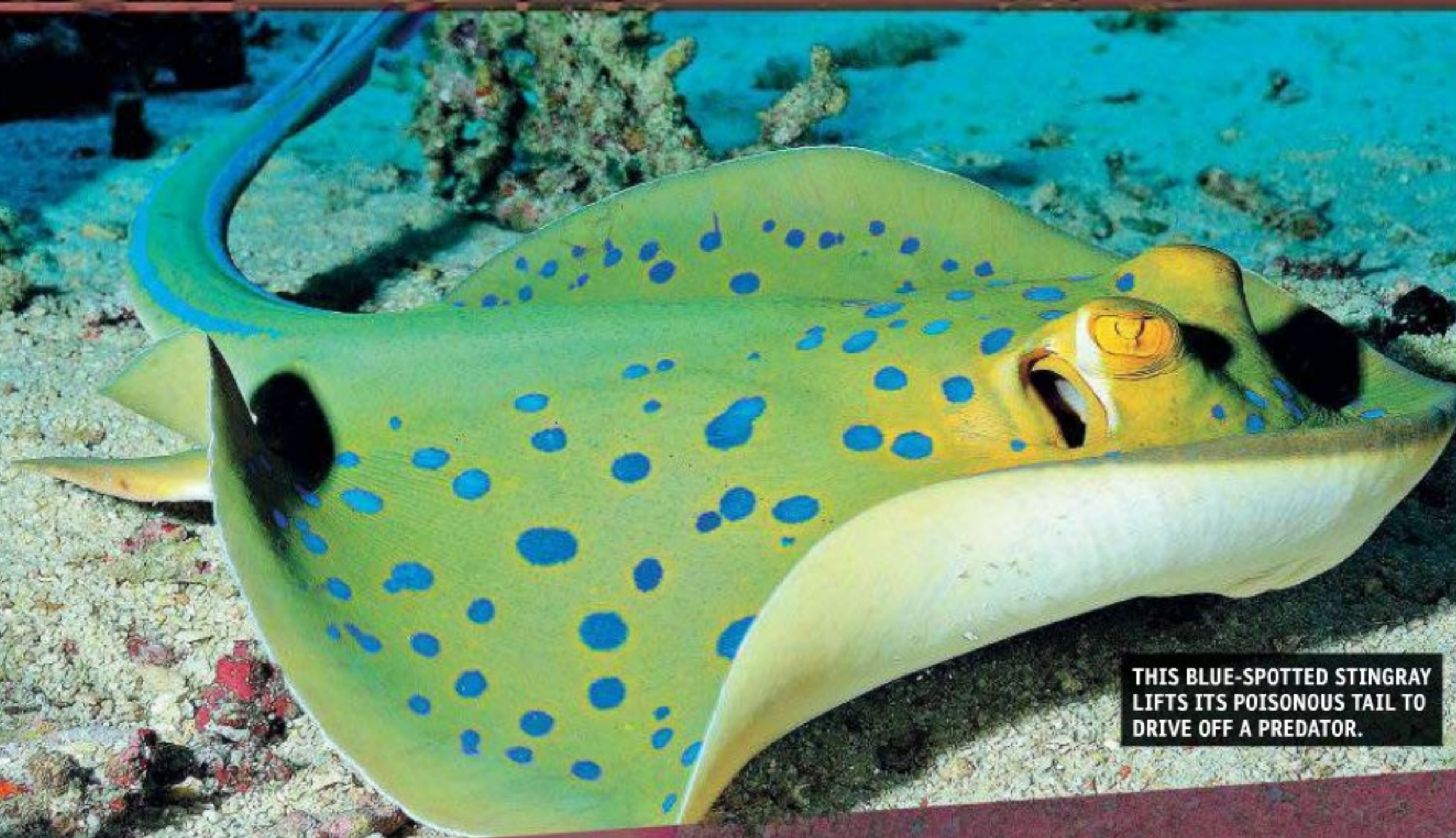
tiny teeth crush and grind prey.

A ray uses several senses to find food. It uses touch and smell but it also uses a sense humans don't have. It can sense electric signals from other animals. These senses work together to help rays find their prey.

The Australian butterfly ray gently stirs the sandy seafloor as it swims. Sometimes the shifting sands uncover a small fish or snail hiding in the sand and the ray scoops up a meal.

The spotted eagle ray ploughs the ocean floor with its snout and fins. As it moves along, it digs up oysters, clams and snails. The ray quickly snaps them up.

Both the spotted eagle ray and the Australian butterfly ray are bottom feeders and they find their prey on the seabed.



THIS BLUE-SPOTTED STINGRAY LIFTS ITS POISONOUS TAIL TO DRIVE OFF A PREDATOR.





A SCHOOL OF SPOTTED EAGLE RAYS GLIDES THROUGH THE WATER.

## MANTA MEALTIME

Not all rays are bottom feeders. Some, like the manta, are filter feeders. Mantas eat plankton, which are microscopic plants and animals.

When a manta comes upon plankton, it swims toward them. As it gets closer, the manta starts to roll. It flips over, end over end, in the middle of the plankton. As it spins, the manta uses flaps on the side of its head to scoop plankton and water toward its mouth. The manta then filters the water through its gills. The water gushes out and the plankton stays in.

## SHOCKING TALES

Some rays have unique ways to hunt. A torpedo ray is a slow swimmer, but it has a special ability—it electrocutes its prey. Gliding above a fish, the ray stuns it with a

jolt of electricity and then gobbles up its shocked prey.

A sawfish has a flat, sword-like blade with teeth along both edges. A sawfish can use its saw as a shovel. It swims along the ocean floor, digging up food.

It also uses its saw to slash prey. It swims into a school of fish, shaking its head from side to side. As it swims, it slashes nearby fish and then it eats the pieces that fall to the ocean floor.

## RAY RIDDLES

Rays live in many ocean habitats. They swim from the deep ocean to shallow coral reefs. Yet scientists still don't know much about them.

For example, they don't know how long rays live and they don't know if rays sleep or, if they do, for how long. They don't even know how important rays are to a

reef habitat.

Scientists also don't know why mantas sometimes breach, or jump out of the water. One theory says mantas breach to shake off parasites. Breaching also could be one way mantas communicate with one another. When a manta splashes back into the water, it makes sound waves. The waves travel a long way through water. Other mantas might sense those waves, so a manta may be "speaking" when it's breaching.

For now, these and many other questions remain unanswered. Yet our knowledge of rays keeps growing. Scientists track and observe them. One day they might have a more complete picture of rays and their role in their ocean habitat.

For now, they study them one amazing ray at a time.

THIS RAY SKIMS JUST ABOVE THE ROCKY SEABED.



# TORNADO

BY STEPHEN ORNES

Emma Cox looked through the windscreen. She saw a **low wall of clouds looming**, which made her nervous. She heard tornado sirens whining. The **wind and rain** picked up speed.

“They were the darkest clouds I’ve ever seen,” says the 17-year-old. “We just wanted to get home.”

Emma’s brother was driving and they were going home after his last day of high school. Rain pelted the windows and wind rocked the car. They couldn’t see anything – not even the brake lights of cars in front of them. She opened her window slightly and they heard a low, spooky whistling sound.

“We didn’t realise it,” she says, “but it was the train whistle sound people says you hear in a tornado.”

This tornado struck Joplin in America on 22 May 2011, killing 159 people and injuring more than 1 000. It was the seventh deadliest in American history. Joplin’s tornado left a path of destruction ten kilometres long.

A tornado is a twisting column of air stretching from the base of a thunderstorm to the ground. In some of them the winds blow at more than 480 kilometres an hour. These storms can tear the roofs off houses like the peel from an orange. Heavy objects flying through the air can be just as dangerous as the wind itself.

“A lot of the damage is not just caused by the winds, but by things like pieces of your neighbour’s chimney smashing into your wall,” says Josh Wurman, a tornado scientist at the Centre for Severe Weather Research in Boulder, Colorado.

Predicting when and where tornadoes will form, is difficult. Scientists want to use data from the Joplin disaster to improve the warning system and save lives in the future.

Emma and her brother couldn’t seek shelter, but fortunately the tornado missed their car. Although the storm was gone in minutes, what it left behind was barely recognisable. “Everyone’s belongings were in the street and on the pavement,” Emma says. The family’s house was in shambles, but luckily, no one was hurt.

In South Africa most tornadoes have occurred in the Free State, Gauteng, and KwaZulu-Natal. There are different causes of South African tornadoes, which are generally created by very hot air accompanied by severe thunderstorms. However, 65 percent of the South African tornadoes are classified as light damage tornadoes.

Tornadoes occur all over the **world**, but they’re **most common** in America.

Tornadoes can hit **big cities**, though most appear in **less populated areas**.

Thunderstorms most likely to give birth to **tornadoes** are called **supercells**.



MIKE THEISS / NATIONAL GEOGRAPHIC STOCK (BIG PICTURE); STEPHANIE HIMANGO / NBC NEWSWIRE VIA AP IMAGES (JOPLIN DAMAGE); GREATSTOCK (IDUZA EARTHQUAKE)



# Powers of Nature

Tornadoes can last from a few **seconds** to more than an **hour**. Most last less than **ten minutes**.

**Tornado colours** vary because they take on the colour of the **debris** they pick up.

Tornadoes can **hop** over **houses** or suddenly change direction.

## DESTRUCTION



A tornado struck Duduza, an area about 60 kilometres east of Johannesburg on 2 October 2011, destroying dozens of houses, many of them tin shacks.

### Twister Tips

Thirteen minutes isn't a long time, but that's the average time between a tornado warning and when one strikes. A warning means a tornado has been spotted. Be smart about them with these tips.

#### MAKE A PLAN

Create a family emergency plan in case a tornado approaches. Practise.

#### KEEP WATCH

When a storm approaches, follow weather reports on TV, radio or the internet.

#### HEAD DOWNSTAIRS

If there is a warning, take shelter in a basement, or a room or hall without windows on the lowest floor.

#### MOVE TO SAFETY

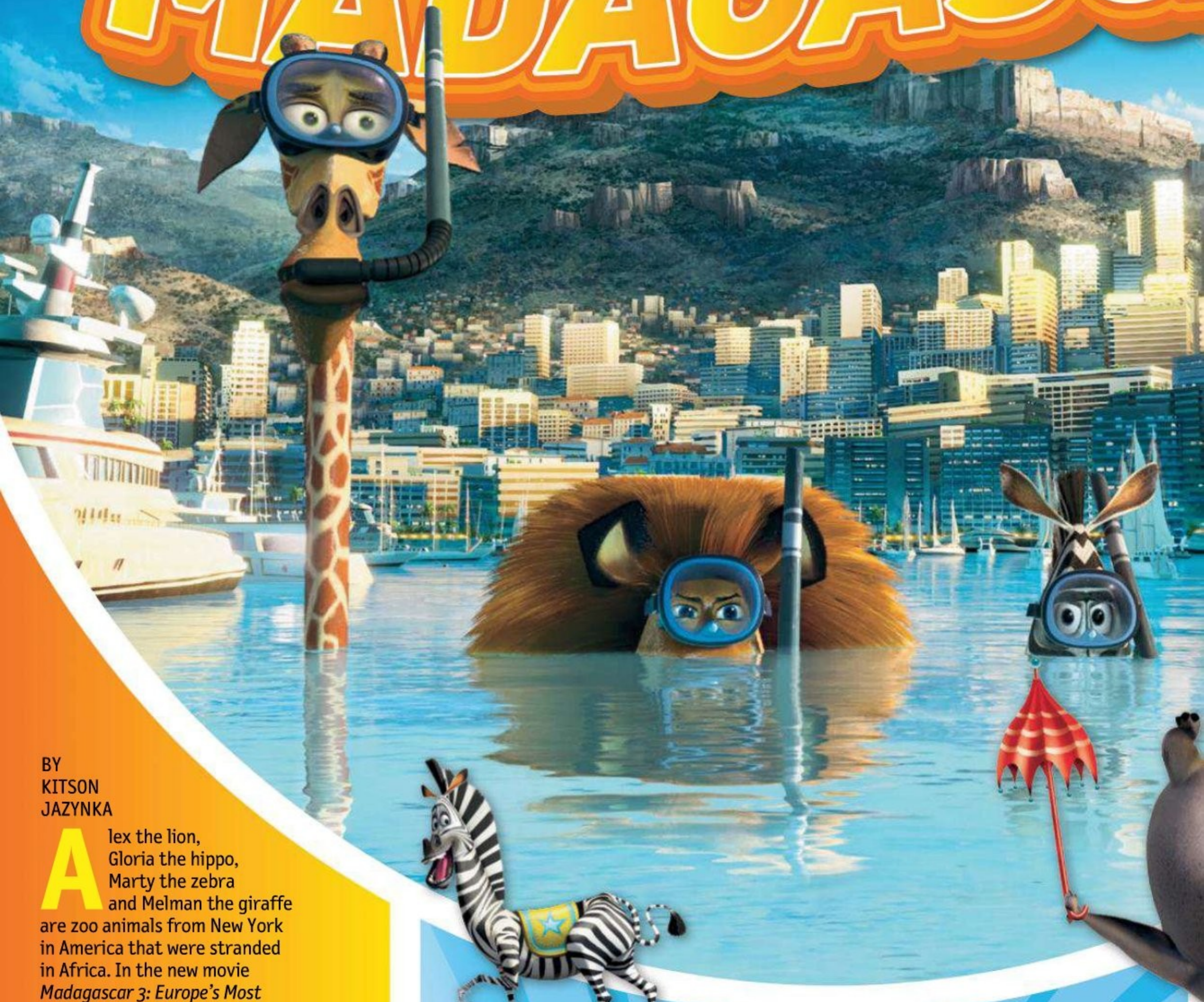
If you live in an informal settlement, get to the nearest sturdy, permanent structure.

#### LIE LOW

If you're outside, look for a ditch or depression to lie in. If you're caught without shelter, lie flat and cover your head.

THE TRUTH BEHIND THE NEW MOVIE

# MADAGASCAR



BY  
KITSON  
JAZYNKA

**A**lex the lion, Gloria the hippo, Marty the zebra and Melman the giraffe are zoo animals from New York in America that were stranded in Africa. In the new movie *Madagascar 3: Europe's Most Wanted* the gang is on its way home. They stop in Europe and are spotted by a mean animal catcher, so they take cover in a circus. Fitting in with the other performers is a real high-wire act, so how do the animals in the movie compare with real ones? NG KIDS hid behind the scenes for answers.



## RACING STRIPES

After leaving Africa, the animals stop in Monte Carlo in Monaco. Afraid of being captured by animal control, Marty hops in a car and drives the zoo crew through the streets at nearly 200 kilometres an hour! Real zebras can gallop up to 55 kilometres an hour for short distances. "Moving fast helps to keep zebras safe," says Daryl Hoffman of the Houston Zoo. "By creating a blur of stripes, a herd can confuse predators."

COURTESY OF DREAMWORKS ANIMATION (ALL)

# PAR 3

## EUROPE'S MOST WANTED

The directors listened to recordings of actors auditioning for the movie to make sure their voices matched the personalities of the animals.

AFTER LEAVING AFRICA, THE ANIMALS SNORKEL TO THE WATERS OFF OF MONACO.



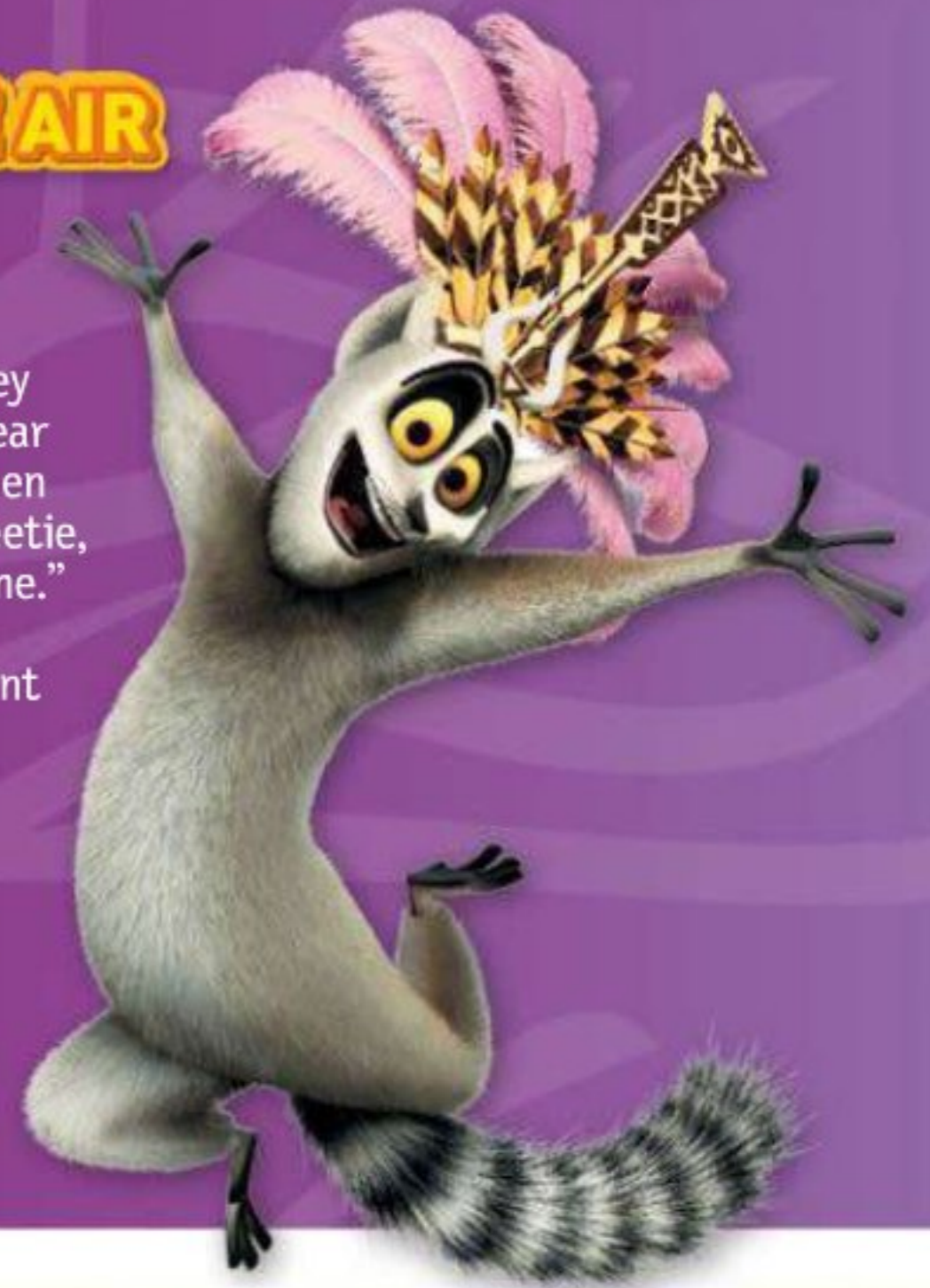
### MUD BATH

The zoo animals surprise Alex with the perfect birthday gift – they've built him a scale model of his beloved New York using sticks, leaves and mud. Gloria even stands on a pedestal made of dried mud and poses as the Statue of Liberty! Real hippos may not be able to make beautiful art displays out of mud, but they do have an important use for it. Because they don't have sweat glands, hippos sometimes wallow in mud holes to stay cool and can spend hours soaking in a refreshing "mud bath." Who knew these guys loved luxury?

### LOVE IS IN THE AIR

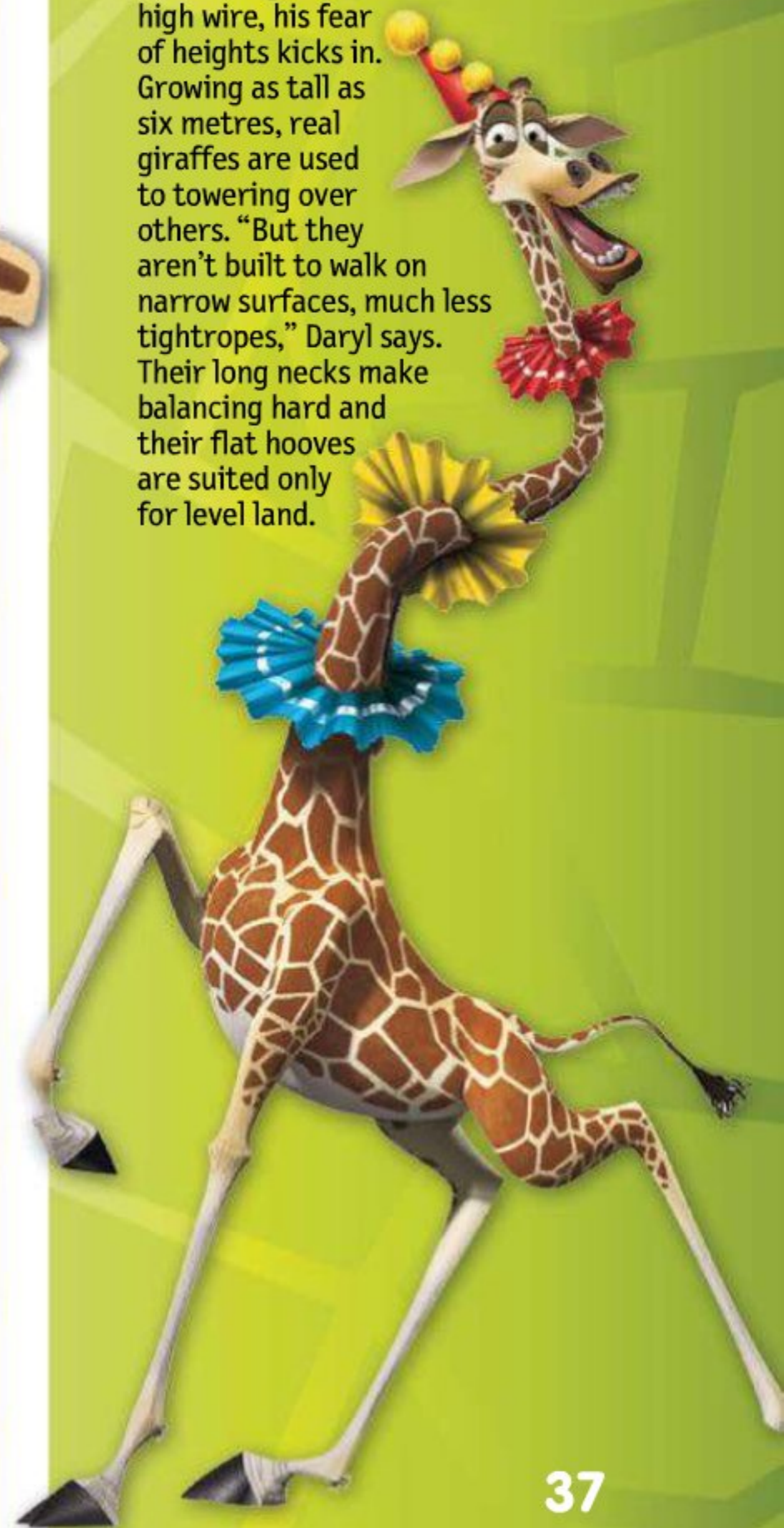
King Julien the ring-tailed lemur wants to conquer new lands, so he heads to Europe with the zoo animals. When they join the circus, he falls for a bear that snacks on smelly fish. Julien loves everything about his sweetie, including her, um, fish "perfume."

Real lemurs use smells to communicate. "Males have scent glands on their wrists," Daryl says. "They push them to release a stinky substance." Lemurs often use the scents to show dominance. Some will even engage in "stink fights," brushing their tails against their wrist glands and waving them at their rivals.



### BALANCING ACT

The animals have to choose an act to perform, so Melman suggests that he and Gloria walk the tightrope. But when the giraffe stumbles onto the high wire, his fear of heights kicks in. Growing as tall as six metres, real giraffes are used to towering over others. "But they aren't built to walk on narrow surfaces, much less tightropes," Daryl says. Their long necks make balancing hard and their flat hooves are suited only for level land.



### ACRO-GAT

In order to be accepted into the circus, Alex lies and tells the performers he's an experienced trapeze artist. Later the lion has to create an acrobatic routine on the spot. He ends up banging his head on a swinging bar, hitting a pole and plunging into the net!

Real lions are coordinated and graceful. Their muscular shoulders and forelegs make them extremely powerful, too. They've been known to leap about 12 metres across land and jump about 3 metres into the air.

Lions are even good swimmers as well, though most don't like to get wet.

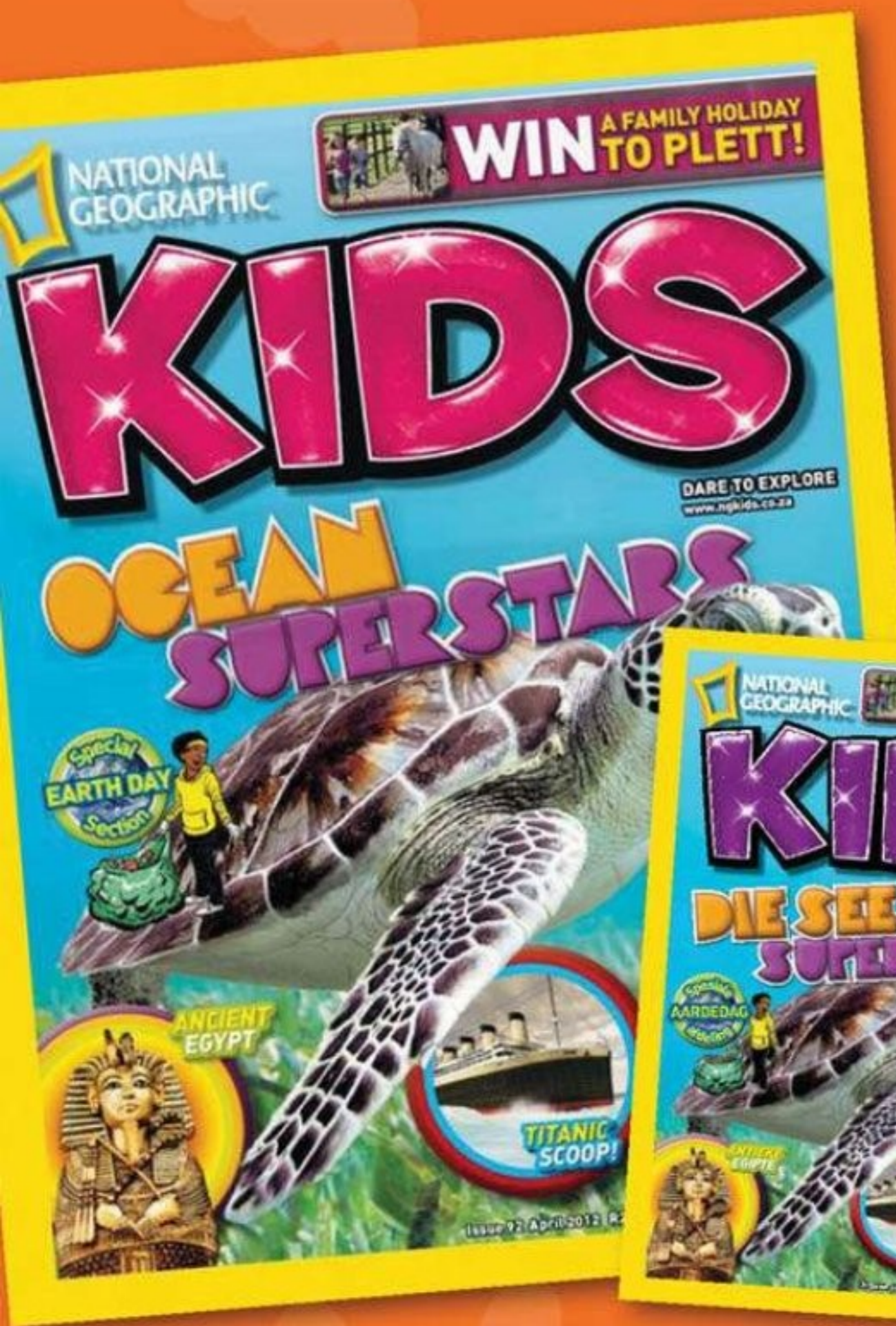


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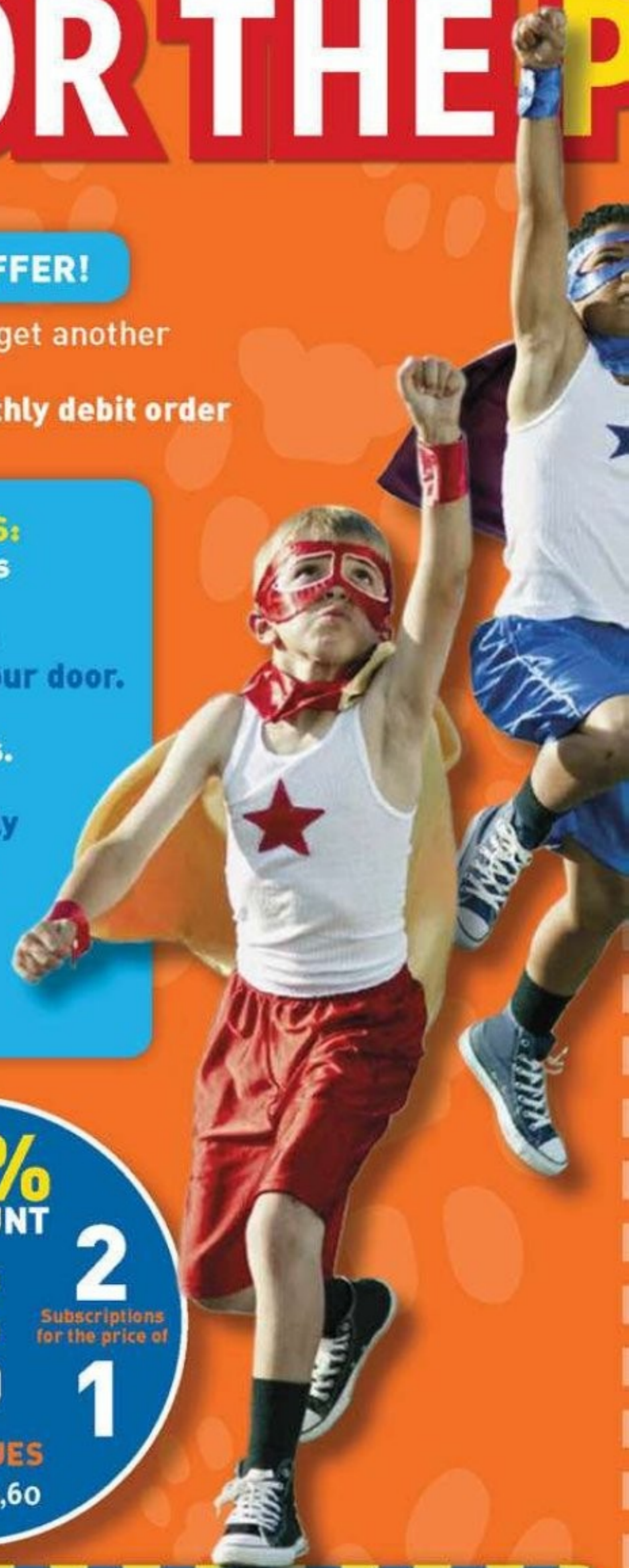
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# Fun Stuff

games, laughs and lots to do!



## Eyes on the Prize

This archaeologist must find at least ten things in the museum warehouse that have an "eye" sound in their names. Find and circle the items in the scene.

ANSWERS ON PAGE 50

JAMES YAMASAKI

# What in the World?

## WILD DESIGN

These photographs show close-up views of different animal patterns. Unscramble the letters to identify the animal in each picture.

Bonus: Use the highlighted letters to solve the puzzle below.

ANSWERS ON PAGE 50



AG**E**FRIF

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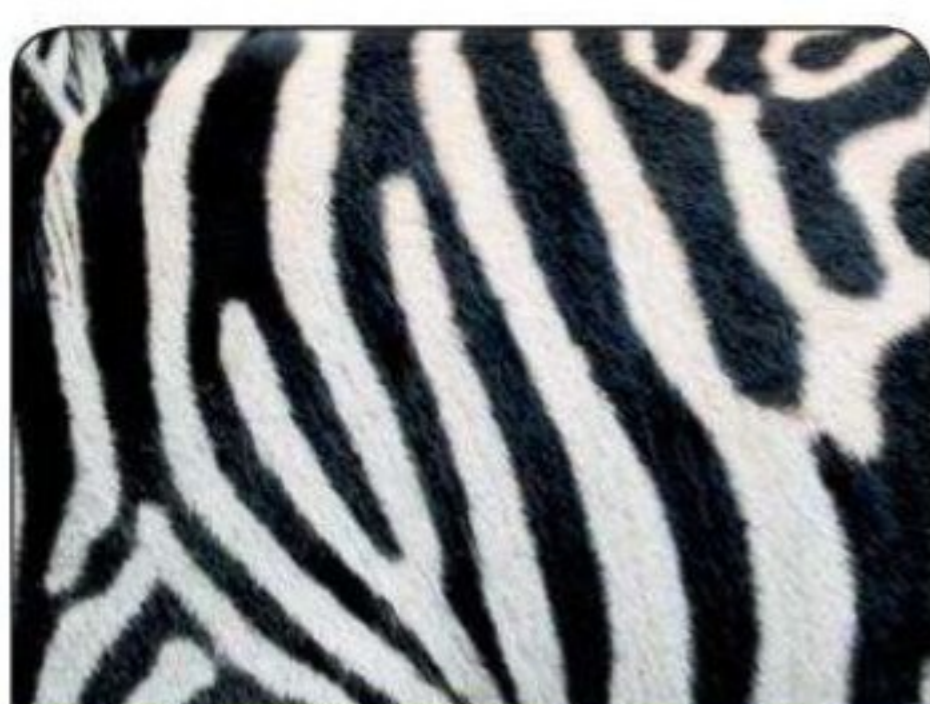
KO**E**CCPA

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E**B**AZR

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G**I**ERT

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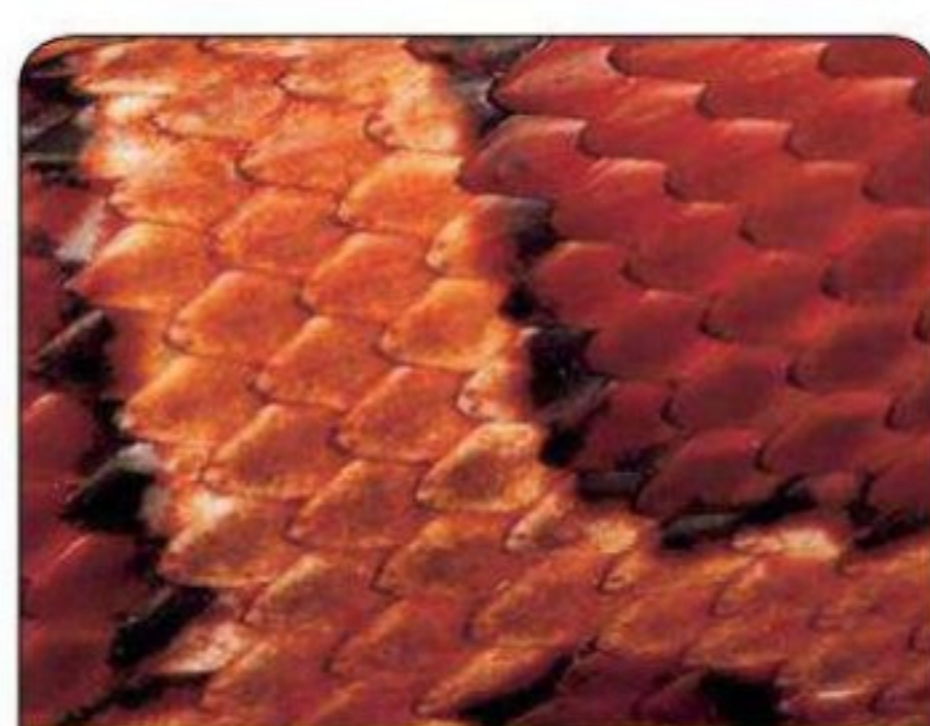
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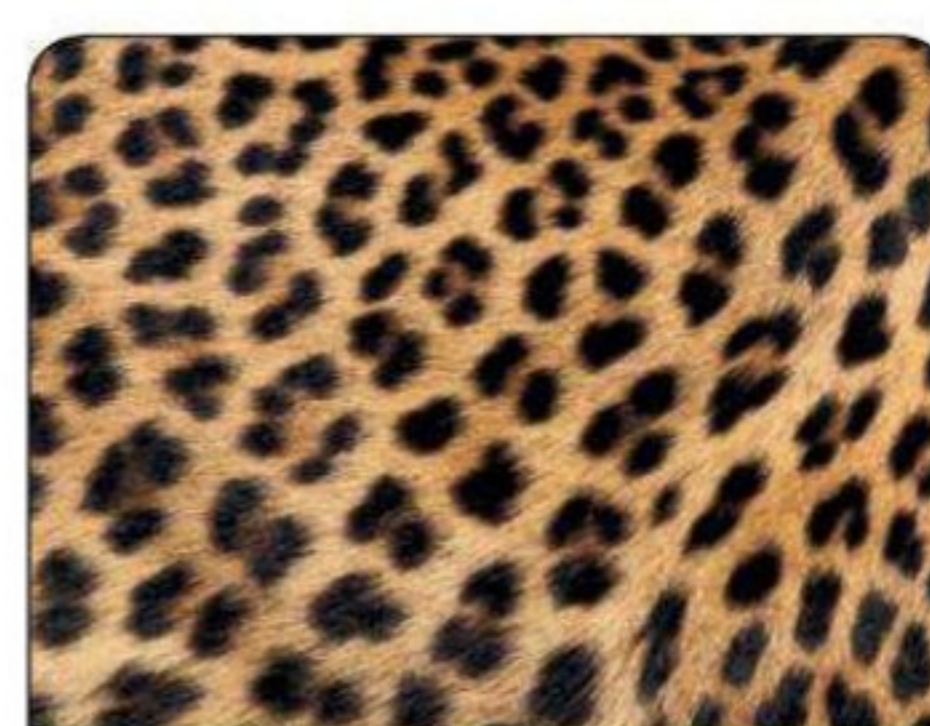
S**O**RIOT**T**E

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N**Y**TP**O**H

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R**D**O**L**E**A**P

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**HINT:** Good luck playing hide-and-seek against an animal with this.

**ANSWER:** \_ \_ \_ **U** \_ \_ \_ **L** \_ \_ \_ **C** **A** \_ \_ \_ **U** \_ \_ \_

TOP ROW (LEFT TO RIGHT): © KARIN VAN IJENDOORN / DREAMSTIME; © VLADISLAV TURCHENKO / DREAMSTIME; © ANDREAS GRADIN / DREAMSTIME.  
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BOTTOM ROW (LEFT TO RIGHT): © DANNYPHOT080 / DREAMSTIME; © ISSELEE / DREAMSTIME; © LUBOŠ CHLUBNY / DREAMSTIME.

# Funny Fill-In

## Offbeat

BY MARGARET J. KRAUSS  
Ask a friend to give you words to fill in the blanks in this story without showing it to him or her. Then read out loud for a laugh.

COOK-OFF  
TEAM  
MEETS  
HERE

The orchestra from my town, \_\_\_\_\_ ville, flew all the way to \_\_\_\_\_ to play in the annual \_\_\_\_\_ festival. We checked our instruments and arranged to have \_\_\_\_\_ take them to \_\_\_\_\_ Park, where we'd play the concert. When we finally arrived backstage, we \_\_\_\_\_ with surprise. Someone must have mixed up our luggage! Instead of \_\_\_\_\_ and \_\_\_\_\_, we had \_\_\_\_\_ and \_\_\_\_\_. But the show had to go on. The percussion section used \_\_\_\_\_ boards to start a beat. \_\_\_\_\_ joined in with two spatulas, whacking a stack of \_\_\_\_\_ as if they were drums. The \_\_\_\_\_ players picked up \_\_\_\_\_ peelers and rattled them against a set of \_\_\_\_\_. The cello players held \_\_\_\_\_ and used them as bows, pulling them across a bunch of \_\_\_\_\_. The noise was so \_\_\_\_\_ that the entire band burst out laughing.



# Family Project

# Best Braai Sauce for Dad!

BY JANI COETZEE

**SURPRISE YOUR DAD ON FATHER'S DAY WITH A HOMEMADE BRAAI SAUCE! CUT OUT THE LABEL BELOW AND PASTE IT ON THE GLASS JAR WITH THE BRAAI SAUCE.**

### WHAT YOU NEED:

- 1 1/2 cups dark brown sugar
- 1 1/4 cups tomato sauce
- 1/2 cup red wine vinegar
- 1/2 cup water
- 1 tablespoon Worcestershire sauce
- 2 1/2 teaspoons ground mustard
- 2 teaspoons paprika
- 1 1/2 teaspoons coarse salt
- 1 teaspoon black pepper

**WHAT TO DO:**

1. Measure and add all ingredients to a large bowl and mix. Heat until the sugar has dissolved and the spices are mixed.
2. Wait for the sauce to cool before you pour it into a glass jar. Make sure that the jar is clean and dry.
3. Cut out the label below and paste on the jar. Tie a ribbon around the lid and you're done!

ASK YOUR MUM OR AN OLDER SIBLING TO HELP WITH BUYING INGREDIENTS AND PREPARING THE SAUCE.

Make your braai sauce label special by writing your dad's name, a Father's Day message and something to describe your sauce on it. Remember to write your dad's name on the dotted line above the logo on the label.



CUT ON THE DOTTED LINE.

BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE

**DEAR DAD:**

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**ABOUT MY BRAAI SAUCE:**

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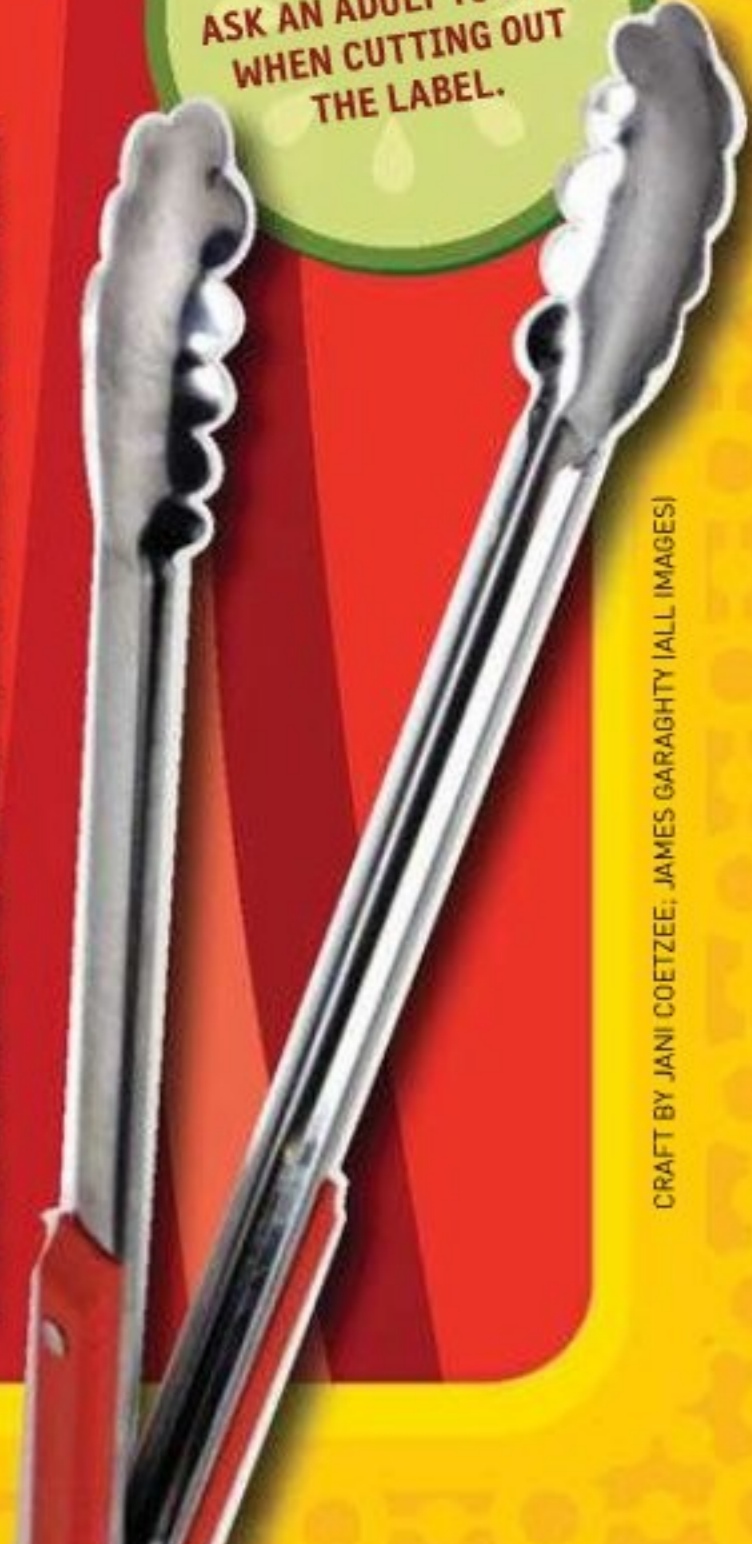
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BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE • BEST DAD BRAAI SAUCE

ASK AN ADULT TO HELP WHEN CUTTING OUT THE LABEL.



CRAFT BY JANI COETZEE; JAMES GARAGHTY (ALL IMAGES)

# FUN factory

BY JANI COETZEE

## PLAY THIS! ↓

### WIN A GAME!

You can win one of two Little Deviants games for PS Vita. SMS\* "NGK LITTLE" followed by your name, age and address to 33970.

#### LITTLE DEVIANTS PS VITA

Join the Little Deviants, a cute, cartoon-styled alien race who've crash-landed on a colourful planet. That's only the start of your problems,

because they're under attack by the "Botz". Amid the chaos you have to fix the damaged spaceship and get back to your home planet before it's too late!

Collect all the missing spaceship parts by playing a series of mini-games. In "Rolling Pastures" you use the Vita's rear touch panel to manipulate the ground. Be sure to shoot all the Botz in "Botz Invasion" with your cannon to protect your friends from harm!

You can get bronze, silver or gold spaceship ratings and don't forget to search for the "Moggers", the square-headed cats that hide in every mini-game.

**HINT:**  
Bounce a Deviant 1500 times and unlock a silver trophy.

#### DID YOU KNOW?

The silk spiders spin to make their webs is stronger than steel wire of the same thickness.



© STER KINEKOR (LITTLE DEVIANTS, SPIDER-MAN)

#### THE AMAZING SPIDER-MAN

Peter Parker's days are spent at school and doing normal teenager stuff until he discovers a mysterious briefcase that belonged to his father. It leads him to Oscorp and the laboratory of Dr Curt Connors.

While snooping around the lab, he's bitten by a spider that turns him into... the amazing Spider-Man!

In the movie, Spider-Man hangs upside down from the ceiling without slipping – just like a real spider.

A spider's foot is covered with hairs that branch into smaller hairs called setules. Scientists have calculated that the setules make the grip of a jumping spider so strong, it could hold 170 times the spider's body weight before coming unstuck.

That would be the same as Spider-Man carrying 170 people to safety while clinging to a building with his fingers and toes!

In cinemas from 13 July 2012

### WIN A HAMPER!

You can win one of two Spider-Man hampers. SMS\* "NGK Spider-man" followed by your name, age and address to 33970.

## IN THE BOX! ↓

#### URBANEARS PLATTAN HEADPHONES

Groove to your favourite songs with funky Urbanears headphones. They're available in an array of cool crayon colours and are collapsible, so you can throw them in your backpack without breaking them. Use the Urbanears' signature "zound plug" (an extra plug) so your friend can listen to your music at the same time. No more boring hours in the car!

### WIN THIS!

You can win one of two Urbanears Plattan headphones. SMS\* "NGK Urban" followed by your name, age and address to 33970.

### WIN THIS!

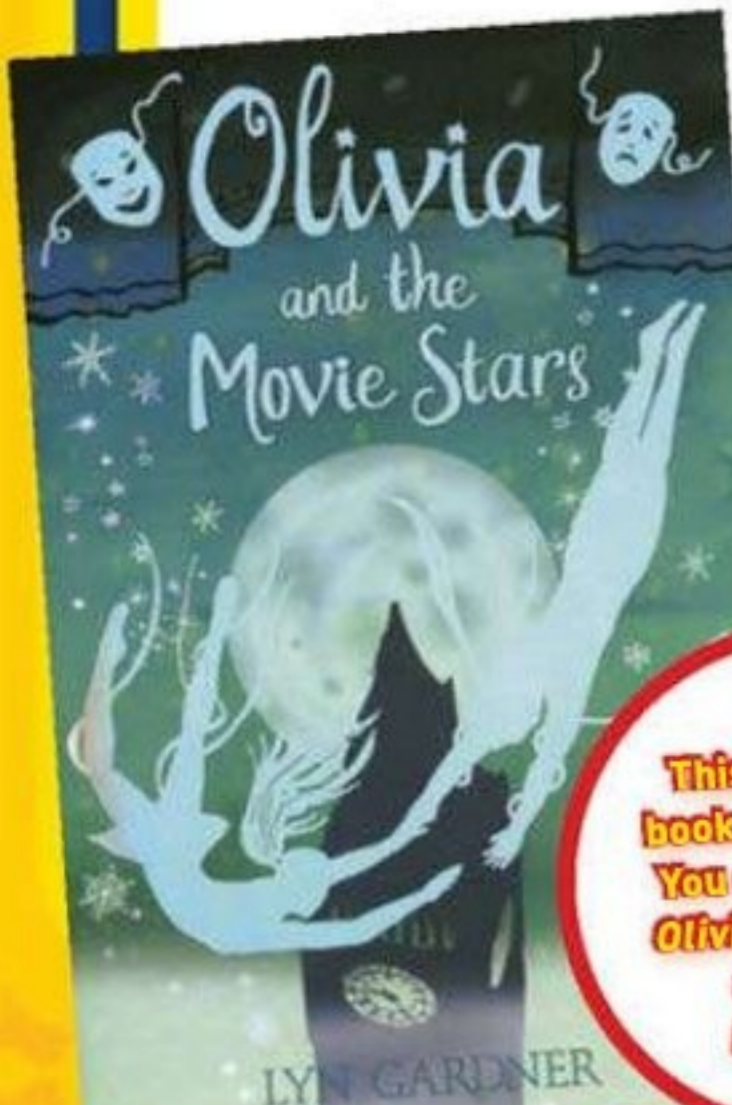
You can win a hamper containing all three books. SMS\* "NGK Olivia" followed by your name, age and address to 33970.

## BOOK WORM! ↓

#### OLIVIA AND THE MOVIE STARS BY LYN GARDNER

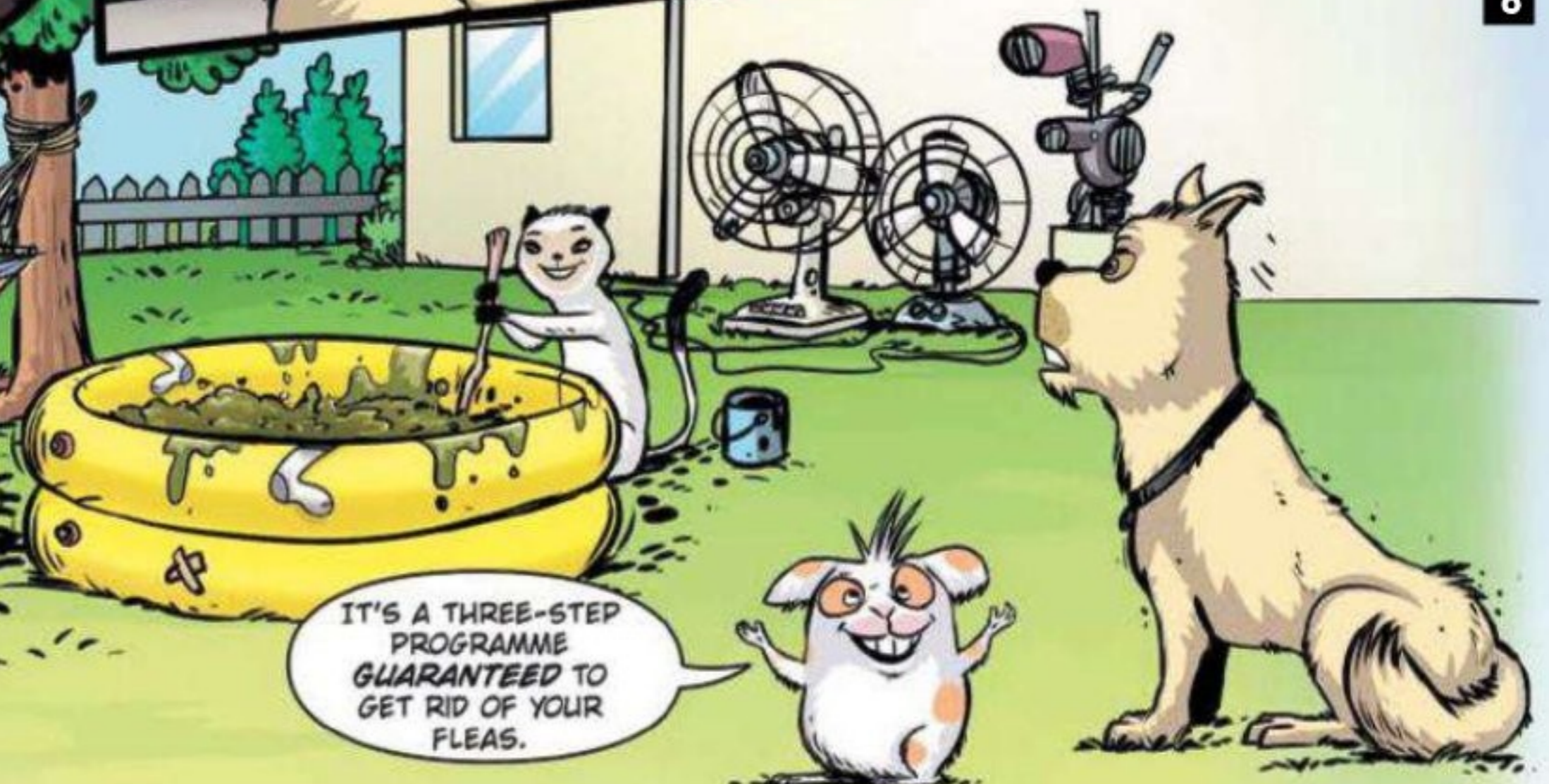
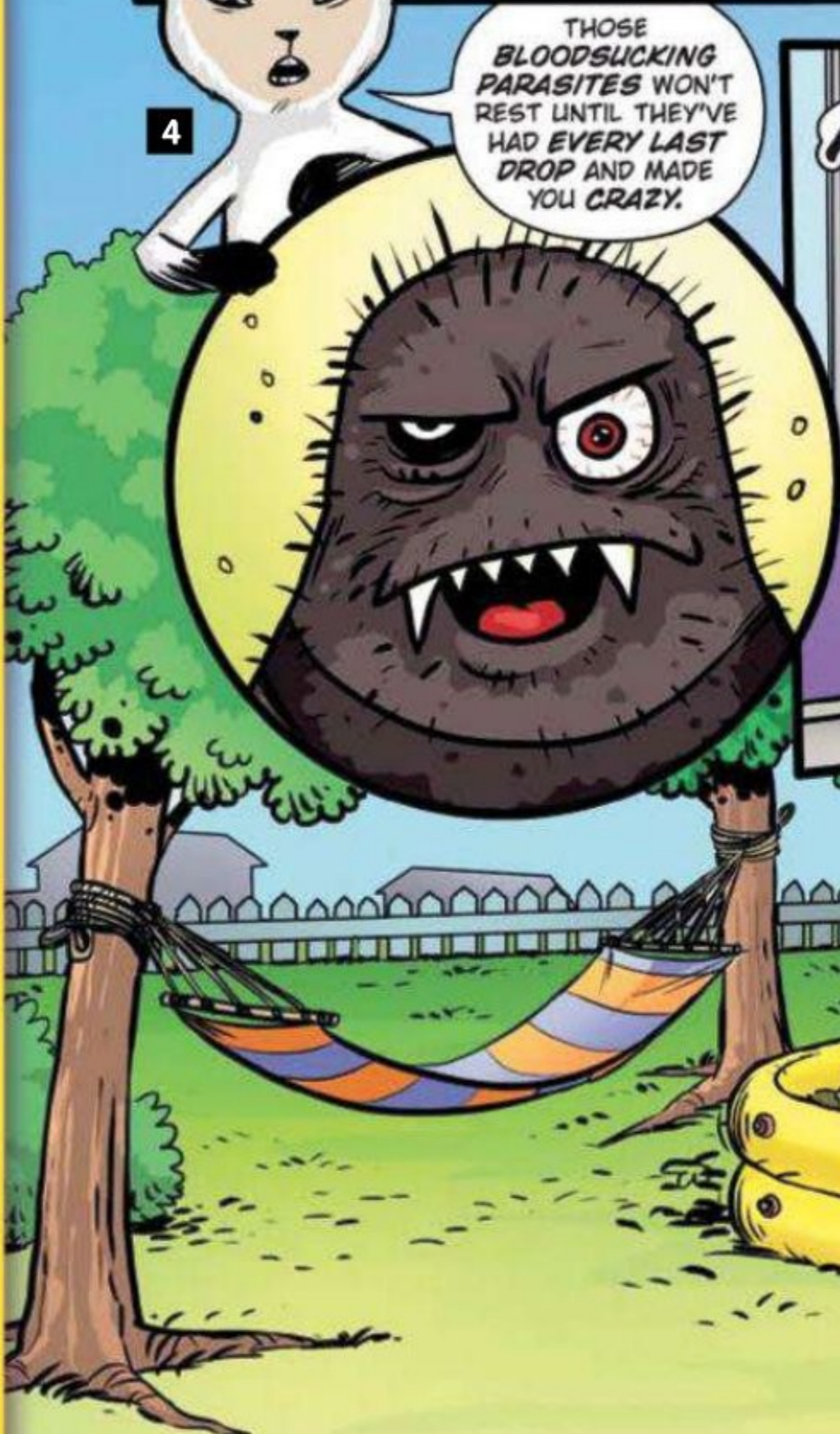
Cosmo and Cosima Wood, the movie star twins, are coming to the Swan Academy of Theatre and Dance! This couldn't have happened at a better time – they're threatening to close the academy because of a building development next door. The twins are starring in a West End production of Peter Pan and have to learn how to fly using harnesses – and who better to teach them the ropes than Olivia and her friends? Then there are a series of mysterious accidents in the theatre and the twins are almost killed. Olivia's dad, who is the flying consultant, gets the blame and she has to find out fast who's doing the bad things and why.

This is the third book in the series. You can also read Olivia's First Term and Olivia Flies High.



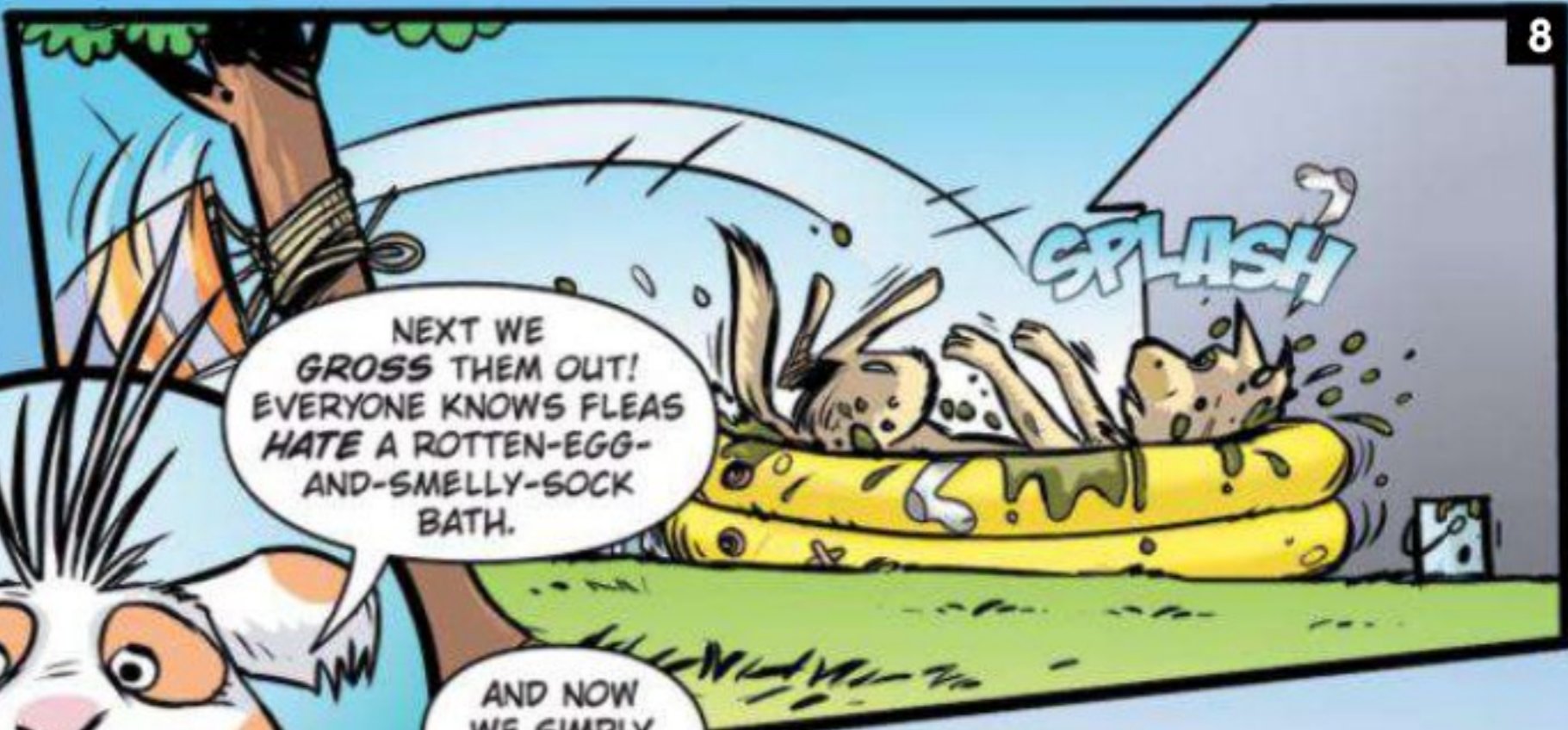
# Unleashed

STRIKA ENTERTAINMENT





FIRST, WE CONFUSE THE FLEAS!



NEXT WE GROSS THEM OUT! EVERYONE KNOWS FLEAS HATE A ROTTEN-EGG-AND-SMELLY-SOCK BATH.

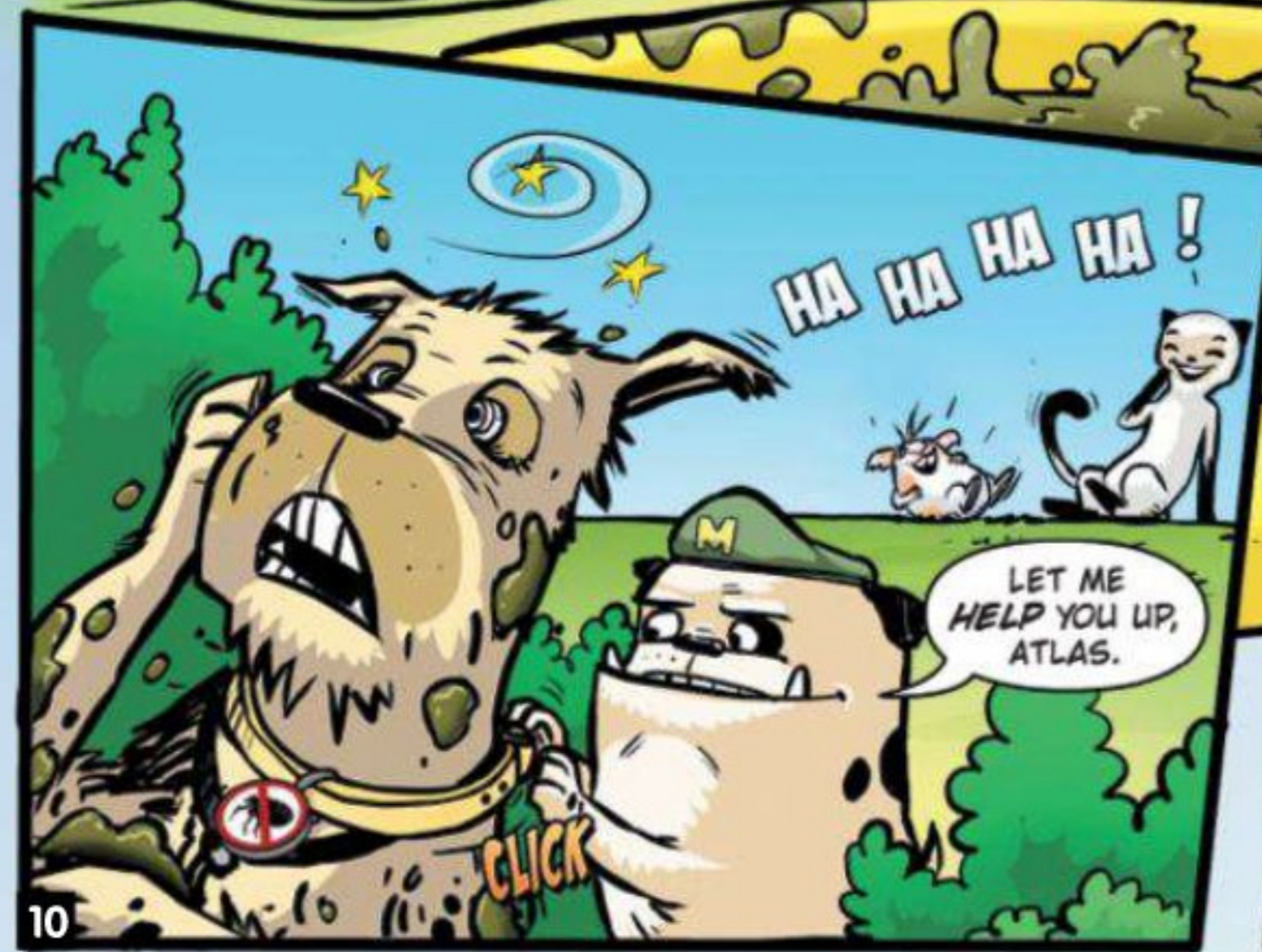
AND NOW WE SIMPLY BLOW THEM AWAY.



WHIRR

WHOA!

I'VE GOT IT!



HA HA HA HA!

LET ME HELP YOU UP, ATLAS.

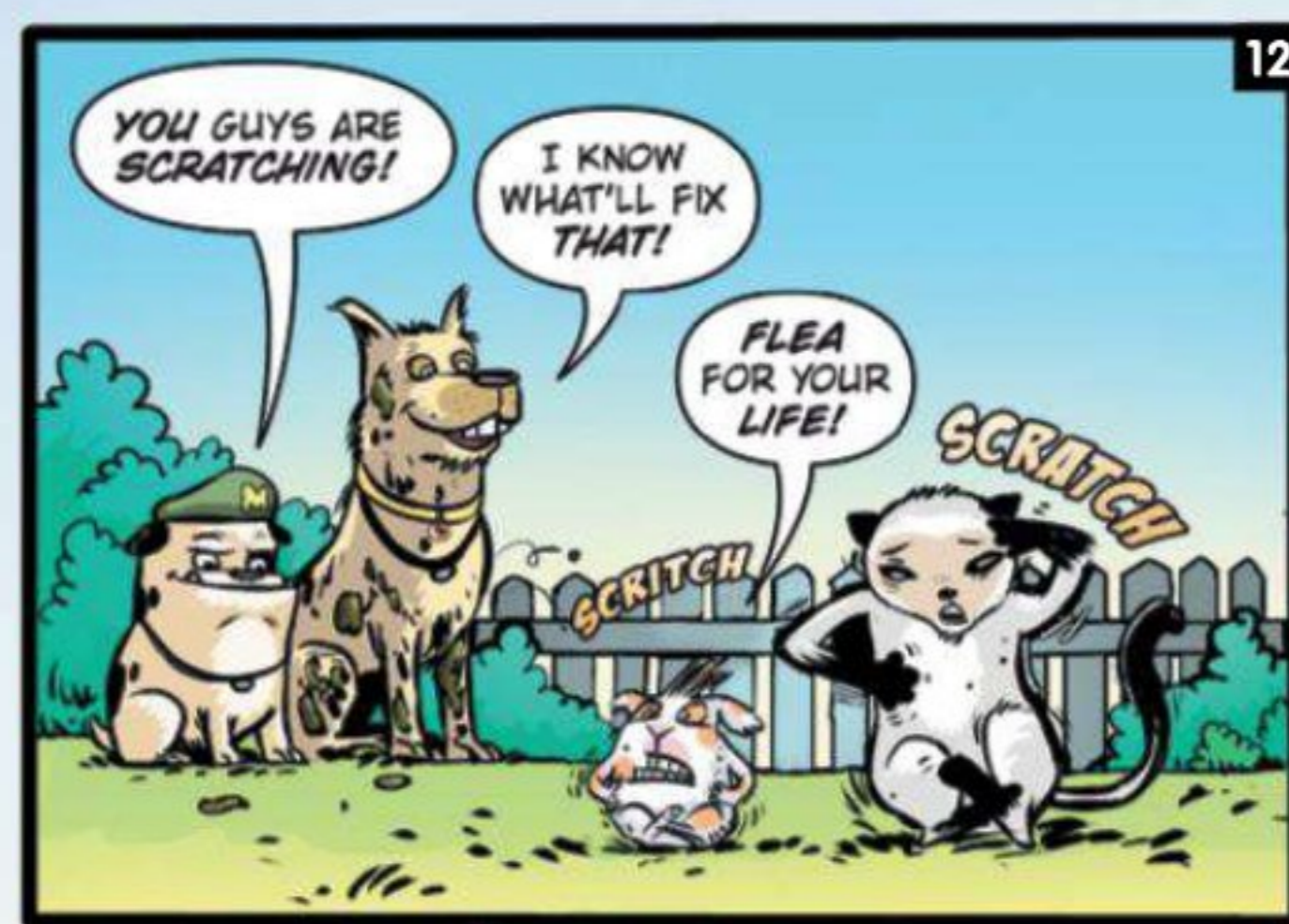


HEY, ATLAS, YOU'RE NOT SCRATCHING ANYMORE.

THE FLEAS HAVE FLED! YOUR PROGRAMME WORKED!

IT DID? I MEAN... OF COURSE IT DID!

IT NEVER FAILS!



YOU GUYS ARE SCRATCHING!

I KNOW WHAT'LL FIX THAT!

FLEA FOR YOUR LIFE!



THE TREATMENT WORKS, HOW ELSE DID I GET RID OF THE FLEAS?

WE MADE IT ALL UP!

MIGHT HAVE BEEN THE FLEA COLLAR I PUT ON ATLAS WHEN NO ONE WAS LOOKING.

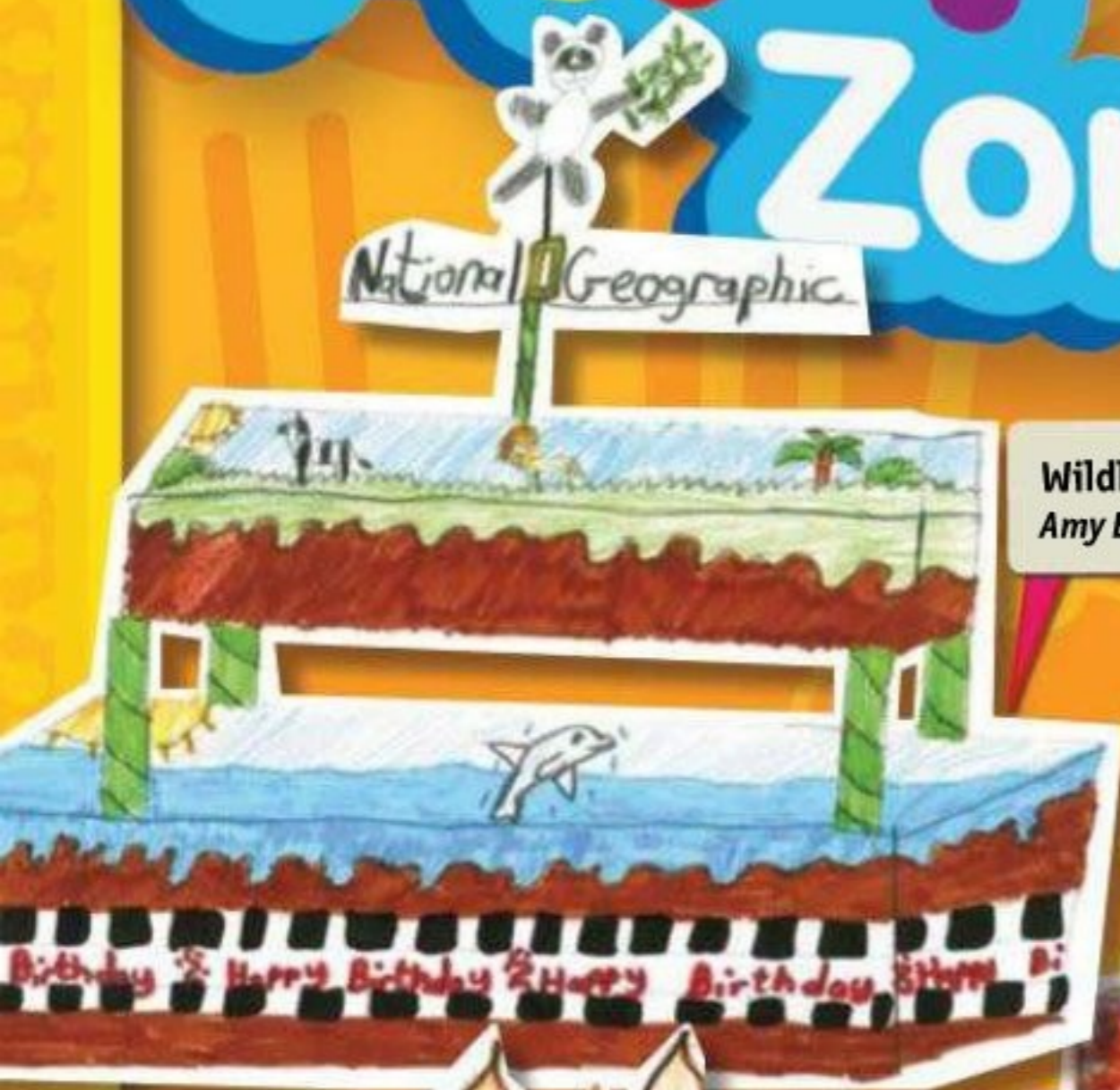
BUT I'M NOT TELLING.

FIND OUT WHAT MISCHIEF ATLAS, LULU, NEVILLE AND THE MAJOR ARE UP TO IN THE NEXT UNLEASHED!

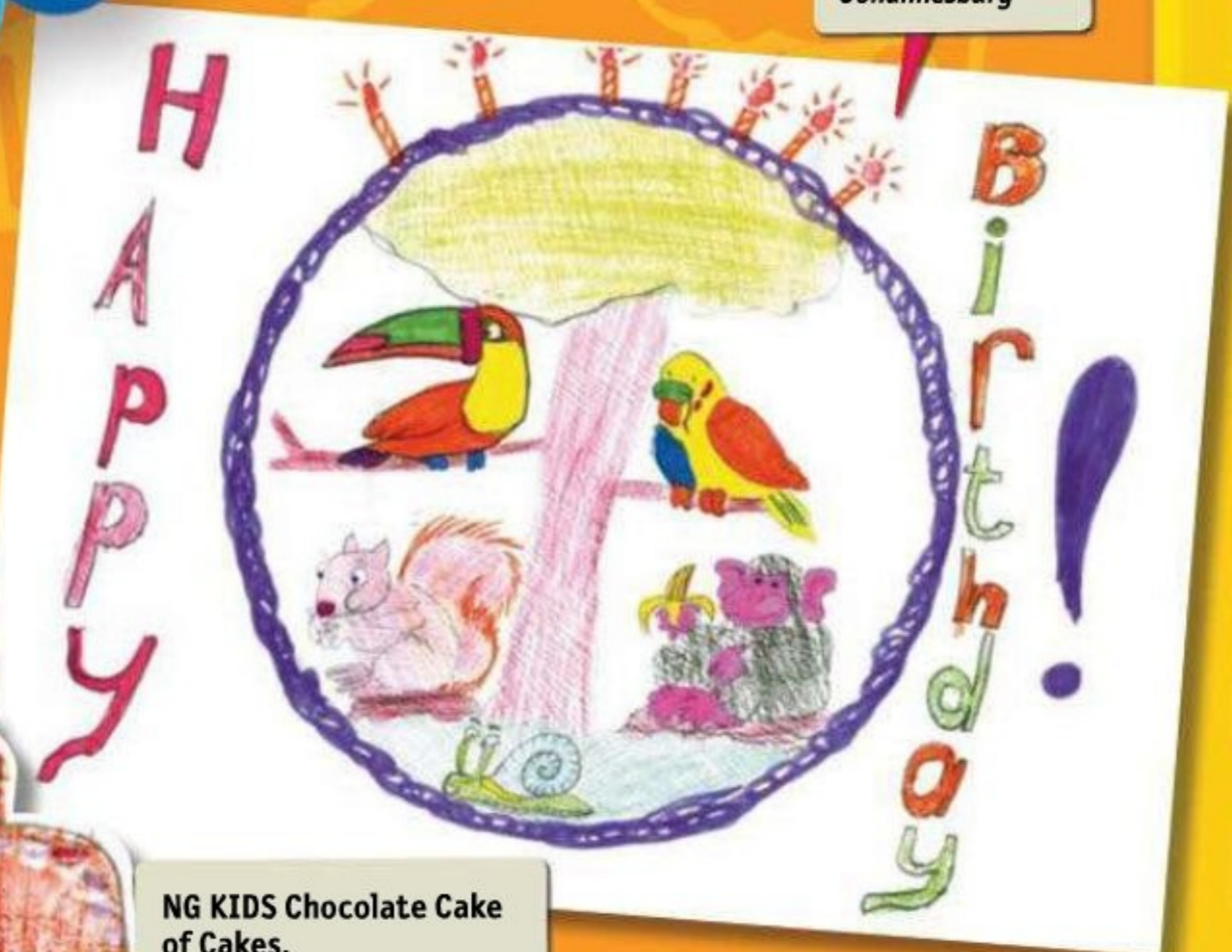
# Art Zone

To celebrate our birthday NG KIDS readers sent us yummy drawings of cakes!

Happy Birthday  
Shannon Louis, 12,  
Johannesburg

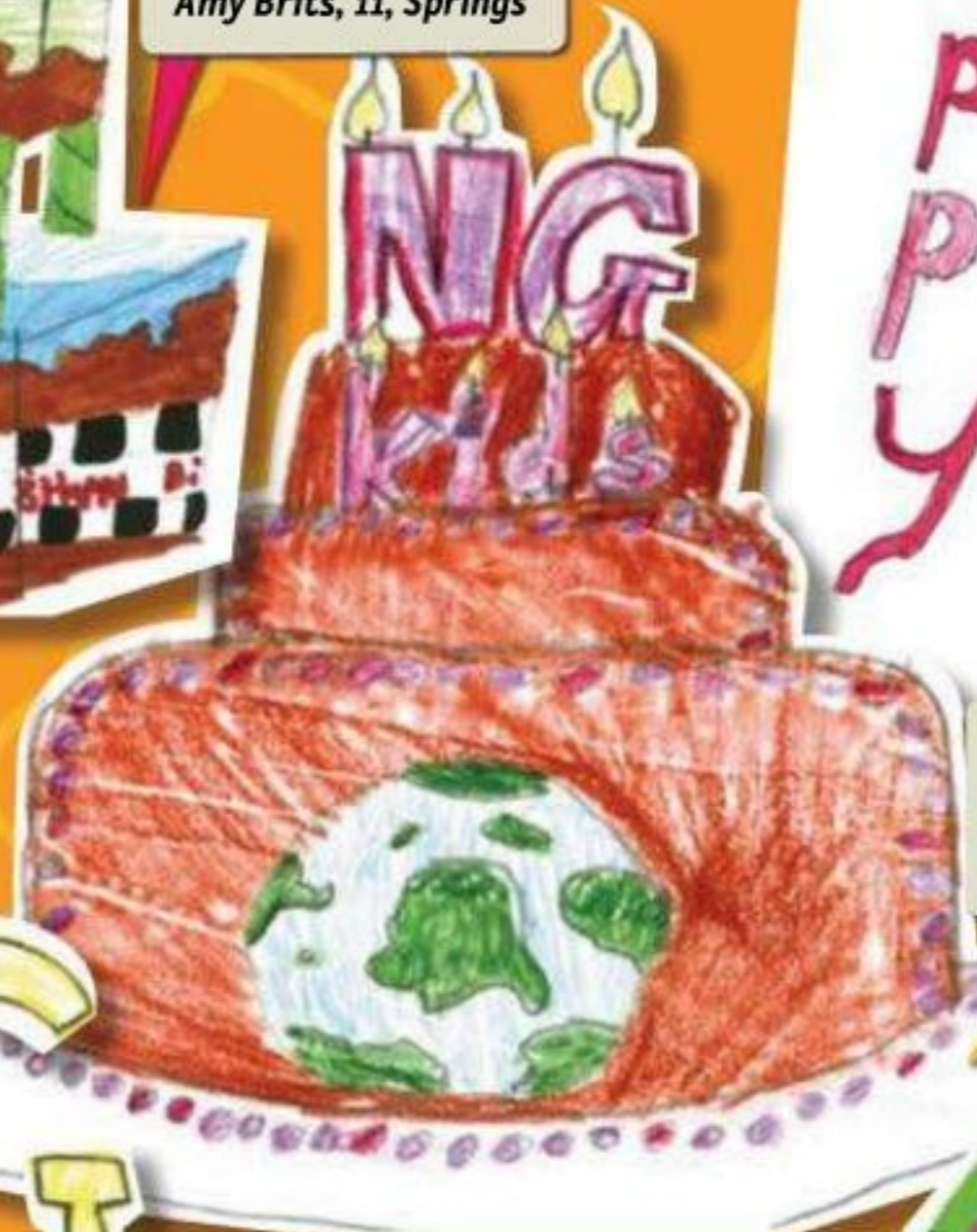


Wildlife Cake  
Amy Brits, 11, Springs



NG KIDS Chocolate Cake  
of Cakes.  
Michaela Meyer, 9, Fish Hoek

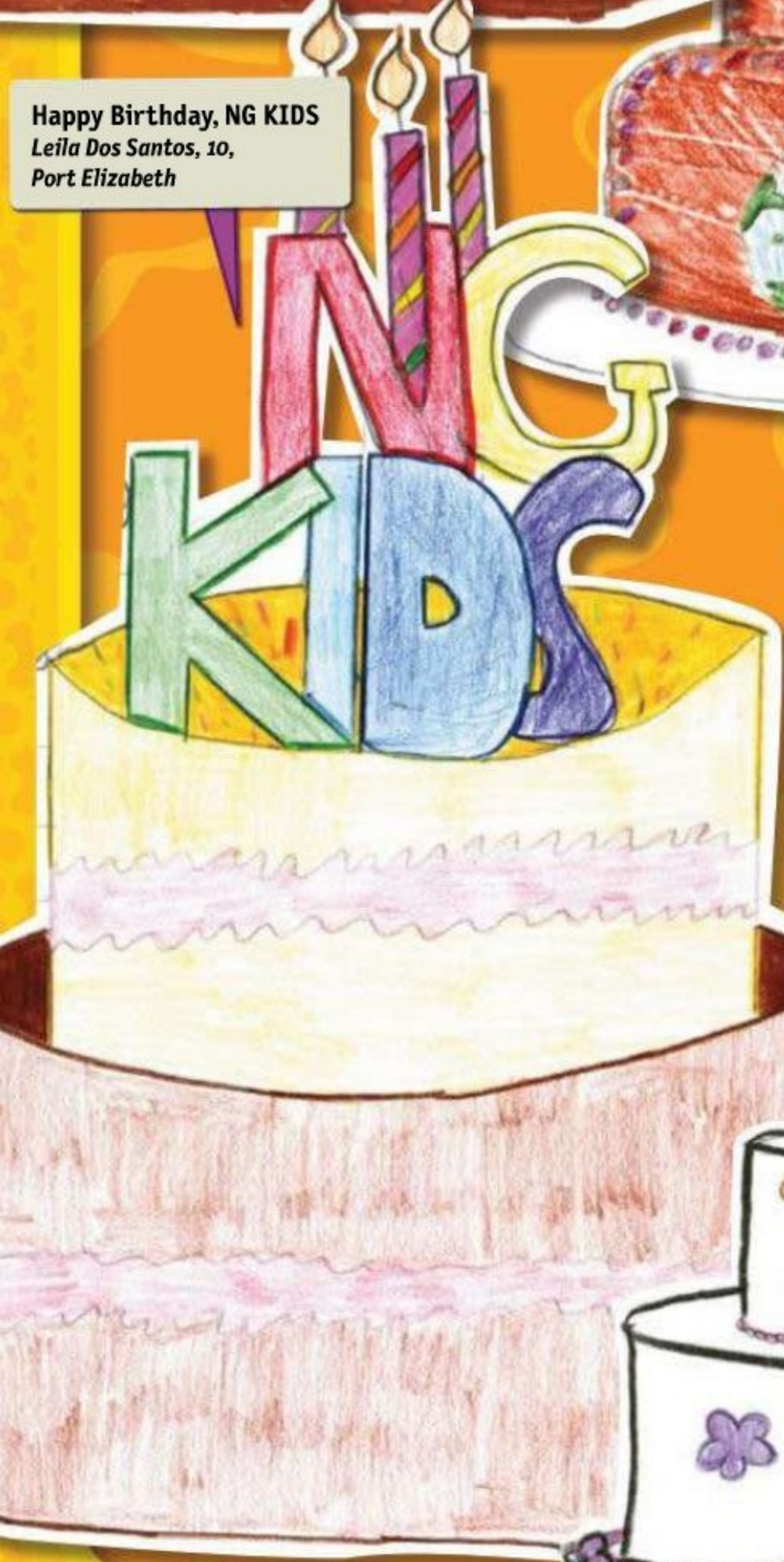
Happy Birthday, NG KIDS  
Leila Dos Santos, 10,  
Port Elizabeth



"Die Reënboogkoek"  
Danell Harmse, 9, Jeffreys Bay



"Die Natuurlike Koek"  
Katelyn Swanepoel, 10,  
Big Bay



**DRAW**  
what you want  
to be when you  
grow up.

Send your original drawings to  
The Editor at NG KIDS,  
PO Box 2271, Cape Town 8000.

Include your name, address, phone number, date of birth, a title for your drawing, a statement that it is your own work and the name of your parent or guardian. Your parent or guardian must sign a release for publication of your illustration. Submissions become the property of the National Geographic Society and all rights are transferred to the National Geographic Society. Submissions cannot be acknowledged or returned. Selection will be at the discretion of NG KIDS.



# TERMS AND CONDITIONS NG KIDS

## \*GENERAL TERMS AND CONDITIONS FOR ALL COMPETITIONS AND GIVEAWAYS IN NG KIDS

All entries must include your name, age, postal address, home telephone number, cell number, e-mail and any mandatory information specific to a competition, including answers to qualifying questions unless otherwise specified. • Prizes and giveaways cannot be transferred or exchanged for cash. • If you cannot meet any one of the entry requirements, the judges reserve the right to award the prize to a runner-up. • NG KIDS has the right to substitute the gift or prize with something of the same value. • The copyright of all entries, letters, photographs, artwork, SMSs and questions belongs exclusively to NG KIDS and NG KIDS reserves the right to edit and republish them in any media. • Winners may decline to have their name used in advertising or listed publicly. • Competitions and giveaways are open to anyone 14 years or younger, except employees of Media24, sponsors and their agents or any company associated with the competition and their immediate families. • Where the competition prize is a holiday stipulating that it is for a certain number of adults and children, "children" will be taken to be under the age of 12, unless otherwise stipulated. • Unless specified only submissions or entries from South Africa are allowed. If winners reside outside of South Africa they may be liable for transport, courier or postage costs. • The winners will be notified telephonically and their names will appear in NG KIDS magazine. • The judges' decision is final and no correspondence will be entered into. • Allow two months for delivery of prizes from winners' announcement in NG KIDS. • The prizes will be awarded to correct entries drawn randomly by computer after the closing date, except when there is judging involved or it is stated otherwise. • If the winner cannot be contacted within two weeks after the closing date, an alternative winner will be drawn. • All competition entry SMSs are charged at R1,50 each. Free minutes and SMS bundles do not apply. You can enter as many times as you like, unless stated otherwise. • E-mail addresses from readers cannot be sent to any third party without the reader's consent. • By entering the competition you agree to receive further communication and direct marketing material from Media24 (Ltd.). • The entrant accepts that entry to the competition does not constitute a contract or any form of legal commitment between the entrant and NG KIDS, Media24 or the National Geographic Society. • NG KIDS shall not assume liability for any ambiguity, error, oversight or omission whether negligent or otherwise which may be committed by any employee of the participating magazine, their agents or associates in respect of competitions or giveaways published in the magazine or online. • Entry signifies acceptance of the rules. • Competitions in the NG KIDS June 2012 issue close on 26 June 2012 unless otherwise specified.

## \*GENERAL TERMS AND CONDITIONS FOR SUBSCRIPTIONS

Children must ask an adult's permission. SMSs charged at R1. • Free minutes and SMS bundles do not apply. • Offer valid until 26 June 2012. • Offer is not valid in conjunction with Vitality offer. • Discovery Vitality offer valid only for active Vitality members. • All subscribers agree to receive promotional material from NG KIDS. • Offer is open to SA addresses only – call 021-405-1905 for international rates. • NG KIDS CLUB benefits apply strictly to South African residents. • Staff of Media24 (Ltd) and their immediate family, sponsors and their advertising agencies are not entered into monthly subscriber competitions.

## \*NG KIDS BIRTHDAY OFFER SMS RULES

Each competition is open for one day only, so SMS the unique keyword for each prize on that date, followed by your name, age, contact number and postal address. • SMSs cost R1,50 each. • Free minutes and SMS bundles do not apply. • You may enter as many times as you like but you can only win once during the competition. • The closing date for each giveaway is midnight on that date. • Only ONE keyword per SMS is allowed.

## \*YOUNG CHEFS COMPETITION TERMS AND CONDITIONS.

The competition opens on 30 May and closes on 24 July 2012. • Entrants must be 14 years or under on 1 July 2012. • The entry must be the entrant's own work. • Only one recipe for each category per entrant will be accepted and each entry must include a separate copy of the entry form. • All entries remain the property of NG KIDS and we regret that we cannot return recipes or photographs. • The National Geographic Society (NGS) and Media24 accept no responsibility for loss or damage. • Please supply a residential rather than a postal address. • NG KIDS and the NGS retain the right to use all recipes and photographs in post-competition publicity throughout the world. • We reserve the right to display recipes and photographs with a credit to the entrant. • Winners may decline to have their name used in advertising or listed publicly. • In this instance NG KIDS/NGS reserves the right to publish the recipe and photograph without credit and by entering into this competition they accept this. • The winners will be notified telephonically at the end of September 2012 and their names will appear in the October 2012 issue of NG KIDS magazine. • Prizes cannot be exchanged and no cash alternative will be offered. • Allow two months from announcement of the winners for delivery of prizes. • A panel will judge the entries based on creativity (50 percent) and taste (50 percent). • The decision of the judges is final and no correspondence will be entered into. • Employees of Media24, sponsors and their agents or any company associated with the competition and their immediate families are not eligible to enter. • Answering the Redro product question will not affect the outcome of the competition. • Digital entries must be 5MB or smaller and must be in JPEG format. • The competition is open to entrants living in southern Africa; those outside South Africa but within southern Africa (Namibia, Zimbabwe, Botswana, Lesotho, Swaziland and Mozambique) accept that postage or courier costs will be incurred if they win a prize. • Four winners will each win a Crazy Concepts cooking kit worth R1 875 consisting of a Cake Kit, Chocolate Kit, Cookie Kit, Cupcake Kit, Gingerbread Kit, Pancake Kit, Pizza Kit and The Snappy Chef Induction Stove valued at R999, plus a year's membership worth R150 to The Cooking Club for Kids which includes an apron and chef hat. • The first 30 entrants will receive a year's membership worth R150 to The Cooking Club for Kids which includes an apron and chef hat. • The entrant accepts that entry to the competition does not constitute a contract or any form of legal commitment between the entrant and NG KIDS. • NG KIDS/Media24 or the NGS shall not assume liability for any ambiguity, error, oversight or omission whether negligent or otherwise which may be committed by any employee of NG KIDS, their agents or associates in respect of this competition. • Entry signifies acceptance of the rules.

**Did you know that facing RDP houses north could save energy while pushing the room temperature up by 6 degrees in winter?**

Well, that was one of the innovations at the *eta* Awards last year. Show us your bright new idea and how it saves energy, and you could win R30 000 in cash. The *eta* Awards recognises and rewards innovative energy saving ideas from homeowners, children and small companies, all the way to big corporates.

To find out more, visit [www.eta-awards.co.za](http://www.eta-awards.co.za)



## CATEGORIES

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Young Designers	Innovation
Residential	Energy Efficiency Awareness
Efficiency Champion	Community Projects
Energy Savings in Households	Energy Efficient Lighting Design <a href="http://www.lighting-design.co.za">www.lighting-design.co.za</a>

**ENTRIES OPEN ON 2 APRIL 2012  
AND CLOSE ON 3 AUGUST 2012**

# Just Joking



**KNOCK, KNOCK.**

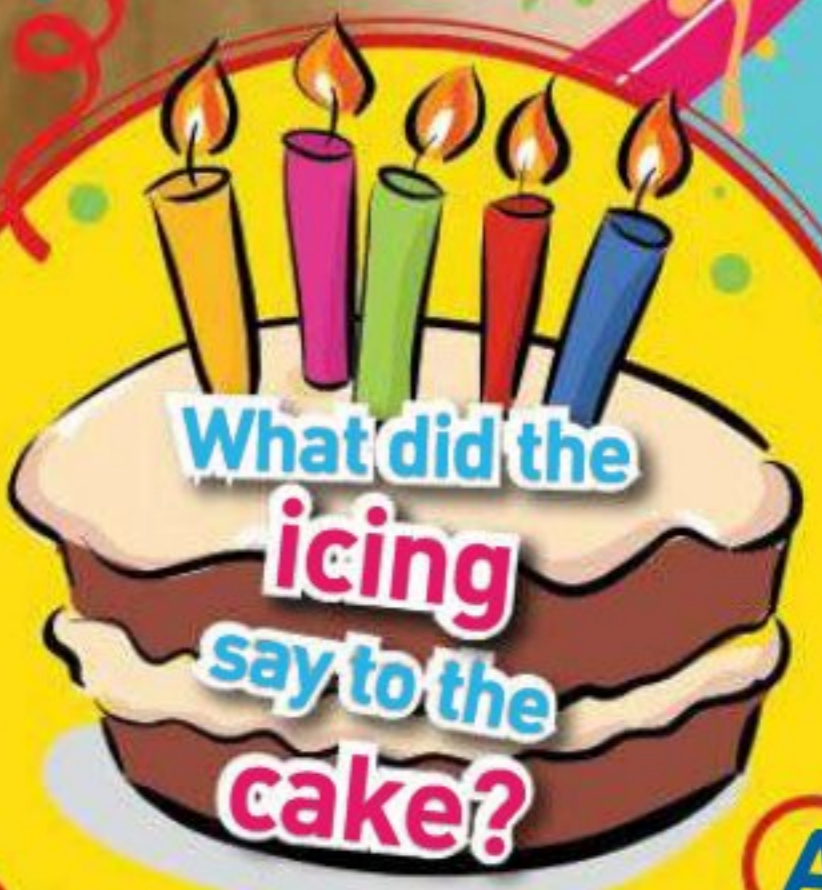
Who's there?  
Abby!  
Abby who?  
Abby Birthday to you!

**Q** What do you say to a **COW** on her birthday



**A** Happy Birthday to Moo!

**Q** What did the icing say to the cake?



**A** "Mind if I 'stick' around?"



**"DOCTOR, I GET HEARTBURN EVERY TIME I EAT BIRTHDAY CAKE."**



**"NEXT TIME DON'T EAT THE CANDLES!"**

**Answers**

**Top row:** giraffe, peacock  
**Middle row:** zebra, Dalmatian  
**Bottom row:** tortoise, tiger, lionfish  
**Bonus:** natural camouflage  
 python, leopard



"Eyes on the Prize" (page 41)



MAKE ROOM FOR NATURE

Teach your kids about the natural world with NG KIDS Magazine





# A reason for you to get creative!

## Nintendo 3DS 3D PHOTO CONTEST



Do you have an eye for funny situations and a knack for finding interesting things?  
Through the Nintendo 3DS Photo Competition let's celebrate your photographs! Enter now!!



### With your Nintendo 3DS:

- 📷 Capture your treasured moments in 3D and in 3D video
- 📷 Upload your photographs to the official competition website
- 📷 Stand a chance to win exclusive Nintendo merchandise
- 📷 Get snapping now!

NINTENDO 3DS

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Nintendo 3DS 3D competition  
closing date: **17th June 2012**

Visit [www.3d-photo-contest.nintendonetwork.net](http://www.3d-photo-contest.nintendonetwork.net) for more information.  
Terms and conditions apply.